### Meeting #416-98

May 21, 1974

<table>
<thead>
<tr>
<th>University of Oregon</th>
<th>Gross Sq. Ft.</th>
<th>Est. Date On-Line (Off-Line)</th>
<th>Estimated Biennial Cost</th>
<th>Edu.&amp;Gen.</th>
<th>Other Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Straub Hall Remodel</td>
<td>43,289</td>
<td>3/75 (6/75)</td>
<td>$103,942</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agate &amp; Columbia St. Housing (Raze)</td>
<td>31,856</td>
<td>(6/75)</td>
<td>(31,932)</td>
<td>$264,579</td>
<td>$(264,579)</td>
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<tr>
<td>Student Center O &amp; M Support</td>
<td>55,428</td>
<td>9/75</td>
<td>$336,589</td>
<td>$(264,579)</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Oregon State University</th>
<th>Utility Improvements (1973-1975)</th>
<th>NA</th>
<th>Various</th>
<th>$11,636</th>
<th>$6,264</th>
</tr>
</thead>
<tbody>
<tr>
<td>Withycombe Hall &amp; Farm Crops Bldg. Remodeled (1975-1977)</td>
<td>51,334</td>
<td>1/77</td>
<td>8,502</td>
<td></td>
<td></td>
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<tr>
<td>Utility Improvements (1975-1977)</td>
<td>NA</td>
<td>Various</td>
<td>10,010</td>
<td>5,390</td>
<td></td>
</tr>
<tr>
<td>Addition to Aero-Jet Lab.</td>
<td>300</td>
<td>7/75</td>
<td>840</td>
<td></td>
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<tr>
<td>Intramural Recreation</td>
<td>61,024</td>
<td>9/75</td>
<td>$43,707</td>
<td>$126,125</td>
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<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<table>
<thead>
<tr>
<th>Portland State University</th>
<th>Utility Improvements (1973-1975)</th>
<th>NA</th>
<th>Various</th>
<th>$23,106</th>
<th>$1,740</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Center O&amp;M Support</td>
<td>$275,450</td>
<td>$(250,604)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Elementary School Gym (Raze)</td>
<td>7,543</td>
<td>(4/76)</td>
<td>(4,094)</td>
<td></td>
</tr>
<tr>
<td>Swindel Hall Bldg. (Raze)</td>
<td>5,849</td>
<td>(4/76)</td>
<td>(6,144)</td>
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<tr>
<td>Music Annex I Bldg. (Raze)</td>
<td>2,391</td>
<td>(4/76)</td>
<td>(2,723)</td>
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<tr>
<td>Music Annex II Bldg. (Raze)</td>
<td>3,707</td>
<td>(6/74)</td>
<td>(2,627)</td>
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<tr>
<td>Student Center O &amp; M Support</td>
<td>57,930</td>
<td>$(57,930)</td>
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<td></td>
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<tr>
<td>Total</td>
<td>$136,844</td>
<td>$(57,930)</td>
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<table>
<thead>
<tr>
<th>Southern Oregon College</th>
<th>Susanne Homes Hall (Use Change)</th>
<th>39,163</th>
<th>11/76</th>
<th>$42,300</th>
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</thead>
<tbody>
<tr>
<td>Siskiyou Commons (Use Change)</td>
<td>26,500</td>
<td>11/76</td>
<td>28,600</td>
<td></td>
</tr>
<tr>
<td>Pine Hall (Raze)</td>
<td>5,275</td>
<td>(12/76)</td>
<td>(1,600)</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>$69,300</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Oregon Institute of Technology | Semon Hall Addition & Water Chiller | 47,400 | 9/75 | $120,598 |

<table>
<thead>
<tr>
<th>University of Oregon Medical School</th>
<th>Utility Improvements (1973-1975)</th>
<th>NA</th>
<th>Various</th>
<th>$12,000</th>
<th>$3,058</th>
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</thead>
<tbody>
<tr>
<td>Ophthalmology Clinic - Expansion</td>
<td>3,350</td>
<td>8/75</td>
<td>7,137</td>
<td>8,604</td>
<td></td>
</tr>
<tr>
<td>Emma Jones Hall - (Old Structure)</td>
<td>28,788</td>
<td>NA</td>
<td>116,096</td>
<td>$11,662</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>$135,233</td>
<td>$(435,326)</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Grand Totals | $1,117,721 | $(435,326) |
Staff Recommendation

It was proposed that the Board recommend approval of the New Building Operation and Maintenance requests as outlined in the staff report for inclusion in the 1975-1977 Biennial Budget Request.

Board Discussion and Action

During the discussion, the following observations were made with respect to remodeling, new building operation and maintenance requests:

1. In the past, it has been interpreted that General Fund money should not be used for costs of operating buildings constructed under Article XI-F(1) bonding authority, except in special use situations, because such projects normally are expected to be wholly self-supporting and self-liquidating.

2. Projects listed in the report have not yet been approved by the Board and it is possible they may not appear on the final list of projects to be requested for 1975-1977.

3. Although utility improvements may result in more efficient or more economical operation, anticipated savings have not been identified or deducted to arrive at a net project cost. The impact of utility rate increases may be to offset any possible savings.

4. In most cases, buildings will not be closed during the period of remodeling so there would be no reduction in operating costs as a result of such closures.

5. The priority list should emphasize projects necessary for safety, efficient use and the best educational purposes, with emphasis on special purpose spaces.

6. The priority list and the actual projects authorized by the legislature probably will be severely limited.

It was agreed that action on the new building operation and maintenance projects would be deferred pending further review of the questions raised during the discussion, including a legal opinion on the use of General Fund money for operation of Article XI-F(1) projects.

Report of Bids and Contract Awards for Classroom, Laboratory & Office Facilities, OIT

Staff Report to the Board

Following the completion of the construction documents phase of planning by Architects Skidmore, Owings and Merrill, and the acceptance thereof by the Board's staff, bids were solicited for the Classroom, Laboratory & Office Facilities at Oregon Institute of Technology. The quotations received from contractors on March 6, 1974, adjusted to exclude various deductive bid alternates exercised, may be summarized as follows:

<table>
<thead>
<tr>
<th>Class of Work</th>
<th>No. of Bids</th>
<th>Low Bid</th>
<th>High Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td>4</td>
<td>$1,356,030</td>
<td>$1,538,625</td>
</tr>
<tr>
<td>Mechanical</td>
<td>3</td>
<td>652,072</td>
<td>698,769</td>
</tr>
<tr>
<td>Electrical</td>
<td>4</td>
<td>206,700</td>
<td>281,008</td>
</tr>
</tbody>
</table>

Inasmuch as the sum of the lowest base bids exceeded the direct construction cost allowance and the architects' estimates, it was necessary to omit various items bid as alternates, such as the connecting corridors proposed between the existing structure (Semon Hall) and the new facilities, the chiller and cooling tower, an emergency generator, etc. It was also necessary to make additional minor modifications by change orders to reduce the construction costs by approximately three and a half percent. Contract awards were made and the following budget was approved for the project:
Direct construction costs:

General work - DeGree Construction Company, Klamath Falls
  Basic bid less alternates exercised $1,356,050
  Less - Change order reductions effected simultaneously 72,487 $1,283,543
Mechanical work - Patterson Plumbing Co., Inc., Medford
  Basic bid less alternates exercised $ 652,072
  Less - Change order reductions effected simultaneously 4,605 647,467
Electrical work - Howard Electric Company, Portland
  Basic bid less alternates exercised $ 206,700
  Less - Change order reductions effected simultaneously 1,000 205,700
Total direct construction costs $2,136,710

Professional service fees 178,431
Furnishings and equipment 80,852
Construction supervision 18,000
Physical Plant and miscellaneous costs, including landscaping 43,273
Contingencies (2% of direct construction costs) 42,734

Total project costs $2,500,000

The indicated total of $2,500,000 corresponds with the expenditure limitation authorized by the Board and the 1973 Legislature, and is to be financed through a combination of the General Fund appropriation in Chapter 592, Oregon Laws 1973, and proceeds from the sale of bonds issued under the provisions of Article XI-G of the Oregon Constitution.

The new building will provide additional general purpose classroom space, laboratories for biology, chemistry, computer science and mechanical drafting, faculty and staff offices and related service spaces. The design character and exterior appearance will conform generally to Semon Hall. A total of approximately 46,000 square feet will be contained within the main floor and partial basement.

RECAPITULATION UPON RECEIPT OF BIDS AND AWARD OF CONTRACTS

Project - OIT Classroom, Laboratory and Office Facilities
Architects - Skidmore, Owings & Merrill, Portland
Legislative authorization - Chapter 592, Oregon Laws 1973
Board's priority - No. 1 in 1973-1975 (Educational and General Plant)
Estimated gross area - 46,000 square feet
Estimated total project cost $2,500,000
Estimated direct construction costs:
  Total
  Building and fixed equipment - Total
  - Average (per square foot) - $46.34
Tentative schedule:
  Contract awards - April 1974
  Completion - September 1975
Tentative financing plan:
  General Fund appropriation $1,250,000
  Article XI-G bonding 1,250,000
  Total $2,500,000

Board Discussion and Action

The Board accepted the report as presented.
Staff Report to the Board

Inasmuch as the final plans and specifications which Morrison, Funatake & Associates, Inc., project engineers, completed for the proposed campus fire alarm system at Oregon State University conformed substantially to the preliminary plans approved by the Board on September 25, 1973, they were accepted by the Board's office. A request has been submitted to the State Emergency Board for authorization to proceed with this portion of the legislatively approved utility improvements within an expenditure limitation of $100,000.

It is anticipated that the project would provide internal fire alarm systems for the Memorial Union and the Industrial Laboratory Building and would also provide area annunciators with connections to the Corvallis Fire Department and the Campus Security office. Approximately 24 of these annunciators, each serving a group of buildings, would be located around the campus. An alarm within any building would illuminate a light on top of the appropriate annunciator and indicate the specific location where the alarm was activated. Simultaneously, the Corvallis Fire Department and the Campus Security office would be alerted as to which annunciator had been activated, thus providing direction to the problem area. All building fire alarm systems and automatic sprinkler systems, except those located within residence halls, would be connected to the campus fire alarm system.

Approximately 35 percent of the project costs would be financed from self-liquidating bond borrowings and other resources available for auxiliary enterprises, and the remainder of 65 percent is to be financed from state funds divided equally between the General Fund appropriation in Chapter 592, Oregon Laws 1973, and proceeds from the sale of bonds issued under Article XI-G of the Oregon Constitution.

Subject to the approval of the Emergency Board on or about May 10, and the receipt of satisfactory bids on or about May 22, it is expected that a contract award will be made for these improvements.

RECAPITULATION UPON COMPLETION OF FINAL PLANS

Project - OSU Utility Improvements (Campus Fire Alarm System Portion)

Engineers - Morrison, Funatake & Associates, Inc., Portland

Legislative authorization - Chapter 592, Oregon Laws 1973

Board's priorities in 1973-1975:
  Educational and general plant - No. 5d (part)
  Auxiliary enterprises - No. 1d (part)

Estimated total project cost          $100,000
Estimated direct construction cost    85,238

Tentative schedule:
  Bidding - May 1974
  Completion - October 1974

Tentative financing plan:
  General Fund appropriation          $32,500
  Proceeds from the sale of bonds under the provisions of Article XI-G of the Oregon Constitution 32,500
  Self-liquidating bond borrowings issued pursuant to Article XI-F(l) and/or balances available for auxiliary enterprises 35,000

Total                        $100,000
The Board accepted the report as presented.

Report of Proposed Replacement of Synthetic Turf at Parker Stadium, OSU

Staff Report to the Board

Under the provisions of an agreement dated June 12, 1969, reported to the Board on the preceding day, the Monsanto Company furnished and installed AstroTurf in Parker Stadium at Oregon State University. The work was accepted on August 28, 1969, subject to the completion of minor unfinished items. The terms of the contract included a total price of $203,505 and a ten-year guarantee of the installation from the date of acceptance.

Because of some separation of the face material and its knitted backing from the synthetic pad installed between the asphalt base and the "carpet," and also because of the apparent reduction in the energy-absorbing characteristics of the pad, or cushion, reflecting wear and fatigue in excess of the limits prescribed by the contract, negotiations have been undertaken with officials of the company and have resulted in an offer by the contractor to replace the original installation with a new AstroTurf surface and underpad at a price of $75,000. The Monsanto Company would remove the present surface material and pad, and would place the turf portion on about 26 rolls for other use, sale or storage by Oregon State University at a charge of $100 per roll. Inasmuch as the present underpad would not be salvageable, it would be the responsibility of the University to dispose of it. The company would furnish and install a new tufted AstroTurf stadium surface and underpad on those areas currently covered. The present warranty would apply and would expire on August 28, 1979.

Institutional officials have indicated their interest in accepting the offer of Monsanto Company for the replacement of the AstroTurf within the general framework of the original contract guarantee, assuming that appropriate analysis of the material and inspections of comparable installations in the northwest provide adequate assurance of satisfaction and that the necessary contract arrangements can be made by the appropriate Board officials. The estimated expenditure requirements would be approximately $81,000, including not only the payment to the contractor, but also construction supervision, the cost of disposing of the present pad and other engineering and Physical Plant expenses as well as a modest reserve for contingencies. In view of the multiple-use aspects of the stadium field, it is expected that funding would be provided in approximately the same proportions as such use, namely:

- Intercollegiate athletics (from balances available in OSU Athletic Department reserves) 31%
- Recreational and intramural activities (from balances available from incidental fees) 20%
- Physical education classes (from the institutional operating budget in 1973-74) 49%

Total 100%

The proposed replacement of the synthetic turf and pad would be classified as maintenance rather than capital construction inasmuch as the work would be done to maintain the value of the facility at a level considered normal for its type and age and to prevent unnecessary depreciation in value during its normal useful life span, particularly as defined by the initial contract guarantee.

Board Discussion and Action

The Board accepted the report as presented.
Report of Acceptance of Construction Documents Phase of Planning for Straub Hall Remodeling (Phase II), UO

Staff Report to the Board

Inasmuch as the construction documents phase of planning prepared by The Amundson Associates, Architects, for the proposed remodeling of Straub Hall at the University of Oregon conformed substantially to the schematic design phase reviewed and approved by the Board on September 25, 1973, and to the subsequent design development phase, they have been accepted by the Board's office. Because of the rapid escalation of construction prices, however, portions of the work contemplated originally have been removed from the scope of the base bid and will be reflected as additive alternates having an estimated value of approximately $320,000. Such work would include, for example, the remodeling of the north wing of the building, various modifications to the proposed mechanical and electrical system revisions, cabinets and shelving, etc. Furthermore, to assure reasonably the receipt of bids within the resources available within the project expenditure limitation of $1,715,000, some deductive alternates will be provided also.

Based upon the architects' current estimate of the work which may be accomplished within the budgeted direct construction cost allowance of about $1,399,000, a total of approximately 49,786 square feet would be remodeled. Previously, the estimated gross area to be remodeled was reported to be 59,140 square feet including 3,812 square feet of basement area which was not completed as part of the recent automated cognitive laboratory project.

Subject to appropriate action by the State Emergency Board on May 10, 1974, in releasing the funds for expenditure, and to the receipt of satisfactory bids on or about May 25, it is expected that a contract award will be made to adapt the building for use by the Psychology Department and to provide general purpose classrooms for institutional assignment. Of the total project budget of $1,715,000, one-half, or $857,500, would be financed from the General Fund appropriation within Section I of Chapter 592, Oregon Laws 1973, and the remainder would be financed from the proceeds of bonds issued under the provisions of Article XI-G of the Oregon Constitution.

RECAPITULATION UPON COMPLETION OF FINAL PLANS AND SPECIFICATIONS

Project - UO Straub Hall Remodeling (Phase II)

Architects - The Amundson Associates, AIA, P.C., Springfield

Legislative Authorization - Chapter 592, Oregon Laws 1973

Board's priority - No. 2 in 1973-1975 (Educational and general plant)

Estimated gross area to be remodeled - 49,786 square feet

Estimated total project costs - $1,715,000

Estimated direct construction costs:
Total - $1,399,000
Average (per square foot) - $28.10

Tentative schedule:
Bidding - May 1974
Completion - May 1975

Tentative financing plan:
General Fund appropriation within Chapter 592, Oregon Laws 1973 - $857,500
Proceeds from bonds issued under provisions of Article XI-G of Oregon Constitution - $857,500
Total - $1,715,000

Board Discussion and Action

The Board accepted the report as presented.
Report of Appointment of Engineers for Utility Improvements (Heating System), UO

Staff Report to the Board

Upon the recommendation of institutional officials, arrangements have been made for the professional services of J. Donald Kroeker and Associates, Consulting Engineers, Portland, for the preparation of plans, specifications, cost estimates, bid documents and construction supervision for the proposed upgrading of the central heating system network of piping and equipment, including the installation of new condensate return lines, replacement of defective piping, and the possible addition of a feedwater deaerator and replacement of defective insulation now covering some tunnel piping at the University of Oregon. This work constitutes a portion of the proposed Utility Improvements authorized by the 1973 Legislature.

For their professional services, the engineers are to be compensated on a time and materials basis not to exceed a maximum of $15,000. The arrangements give consideration to the fees and expenses paid previously under an agreement with the engineers dated February 6, 1969, as supplemented on July 16, 1971, and May 1, 1973, for studies and preliminary design applicable to this work, and also recognize the possibility of dividing the work into separate bid invitations and contract awards for work applicable to the tunnel system and the improvements at the Central Utility Plant.

Board Discussion and Action

The Board accepted the report as presented.

Report of Bids and Contract Award for Replacement of West Grandstand at Hayward Field, UO

Staff Report to the Board

Pursuant to authorization granted by the Board on December 18, 1973, and by the State Emergency Board on January 18, 1974, when the expenditure limitation was increased to $900,000 (plus donated materials and services) revised plans and specifications for the replacement of the west grandstand at Hayward Field on the campus of the University of Oregon were completed by The Amundson Associates, Architects, and were accepted by the Board's staff. Among other changes in the plans, a new structural system was developed to substitute heavy timber construction in lieu of the steel and concrete system specified originally. Bids for the construction of the facilities were received in Eugene at 8 p.m. on Thursday, April 18. The base proposals submitted by five contractors for the new grandstand and related work, including the completion of restrooms at both the north and south ends of the structure, ranged from a low of $679,617 to a high of $749,500. These amounts excluded various materials which were specified as Owner-furnished, such as items donated for the project or acquired directly by the University of Oregon Development Fund.

Because of the limitation of gift funds on hand or pledged at the time of the contract award, it was necessary to exercise a deductive alternate in the amount of $16,814 for the deletion of interior finishes and fixtures from the restrooms and to effect a few other modifications through a change order executed simultaneously with the contract award to the low bidder. An agreement with the University of Oregon Development Fund covering the financial plan was prepared and the following budget was approved for the project:

\[
\begin{align*}
\text{Direct construction costs:} & \\
V. A. Harding Construction Co., Eugene & \\
\text{(Base bid of $679,617 less Alternate No. 3 - $16,814)} & \quad $662,803 \\
\text{Less - Change order reductions effected} & \\
\text{simultaneously with contract award} & \quad 38,661 \quad \text{\$624,142} \\
\text{Owner-furnished materials and services} & \\
\text{(excluding value of donations)} & \quad 115,269 \quad \text{\$739,411} \\
\text{Subtotal} & \quad \text{\$759,742}
\end{align*}
\]

May 21, 1974
Meeting #416-105

Demolition contract - Abajian Building Wrecking Co., Junction City $ 9,944
Professional services fees 55,257
Construction supervision and miscellaneous costs 5,563
Contingencies (approximately 2% of direct construction costs) 12,483
Total $822,658

Except for the amount of $36,796 advanced from the grant-in-aid fund reserve of the Athletic Department, which is to be repaid from income from special track meets, promotions, activities, and/or future events, all of the project costs are being financed from gifts through the University of Oregon Development Fund, largely through the efforts and assistance of the Oregon Track Club, Inc. It is expected that additional gift resources will be solicited in order to reinstate the work deleted and, if possible, to add an additional bay (to the basic program of five bays contracted initially) to increase the spectator seating capacity from 4,485 to approximately 5,382 persons.

RECAPITULATION UPON RECEIPT OF BIDS AND AWARD OF CONTRACT

Project - Sports and Recreation Improvements (Replacement of West Grandstand at Hayward Field, UO)
Architects - The Amundson Associates, AIA, P.C., Springfield
Legislative authorization - Chapter 592, Oregon Laws 1973
Board's priority - Portion of No. 7 in 1973-1975 (Auxiliary Enterprises)
Estimated initial seating capacity - 4,485 persons
Estimated total project costs (exclusive of value of donated materials and services) $822,658
Estimated direct construction costs (exclusive of value of donated materials and services) 739,411
Tentative schedule:
- Contract award - May 1974
- Completion - February 1975
Tentative financing plan:
- Gifts, including interest earnings $785,862
- Balances available from UO Athletic Department grant-in-aid fund reserve (to be repaid from income from special track meets, promotions, activities and/or future events) 36,796
Total $822,658

Board Discussion and Action

The Board accepted the report as presented.

Staff Report to the Board

Pursuant to authorization granted by the Board on March 26, 1974, and by the State Emergency Board on April 5, 1974, bids were solicited for the replacement of the clinic equipment and related alterations at the University of Oregon Dental School following the completion of the final plans and specifications for the alterations work by the project engineers, Morrison, Funatake & Associates, Inc., Portland, and the acceptance thereof by the Board's staff.

Five contractors submitted proposals on April 23, 1974, for the mechanical and electrical revisions and minor building alterations required for the project, but one of the bids contained a substantial error and was withdrawn. The
remaining quotations ranged from a low of $260,054 to $291,900. Although the lowest acceptable bid was somewhat higher than the pre-bid estimate of $225,000, sufficient resources were available to award a contract therefor within the total reduced budget of $985,000 approved for the project because all five of the equipment bids obtained through the Department of General Services on April 24 were considerably below the estimate. (These equipment bids ranged from $442,854 to $681,450. The proposals are now being evaluated to determine compliance with the specifications and acceptability in relation to the prototype prescribed.)

The program will permit the replacement of all 231 units contemplated by the base bids, making it unnecessary to exercise any of the deductive alternates. A contract award is being made to Putman's Plumbing & Heating Co., Portland, for the alterations work in the amount of $260,054. Following the award of a contract by the Department of General Services for the clinic equipment, a more complete report will be made to the Board.

Board Discussion and Action

The Board accepted the report as presented.

Report of Acceptance of Construction Documents

The capital outlay program which the 1973 Legislature approved for the Board included $1,460,000 for various utility improvements at the University of Oregon Medical School (also benefitting the University of Oregon Dental School which shares the same campus on Marquam Hill, Portland). These improvements were expected to include work relating to the existing steam, electrical and water systems, providing some expansion but principally overcoming current deficiencies and correcting hazardous conditions. The plans and specifications for the work have been prepared by Cornell, Howland, Hayes & Merryfield/III, consulting engineers, Portland and Corvallis, who previously had prepared a comprehensive engineering-economics study of all of the utilities on the campus. Their report identified the most serious deficiencies and was the basis of the request to the Legislature for authorization to proceed with the various improvements. Inasmuch as the construction documents completed by the project engineers were in substantial agreement with this report and with the schematic design phase of planning approved by the Board on May 22, 1973, they were accepted by the Board's office.

Because of urgency of need for modifications to the electrical and water systems at the Medical and Dental Schools, bids are now being solicited for such work and will be received in June 1974. The proposed improvements to the electrical distribution system would expand the institutionally owned portion of the system and increase the reliability of the electrical service to the various facilities on the campus. A portion of the existing distribution system is loaded almost to capacity and there are no alternate sources of power available in the event of equipment failure except through the use of emergency generators of limited capacity. The proposed improvements would include new circuits, feeder lines, access manholes, and a small concrete building containing about 800 square feet, located southwest of the Medical School substation, to house switchgear.

The newest buildings on the Medical School campus have been provided with 12.5kV service which, when combined with the proposed improvements, would allow metering of service on the north campus at a central point and qualify the Medical School for a more favorable rate structure from the serving utility, Portland General Electric Company. Consolidation of the electrical distribution system to allow the more favorable rate structure would also include the purchase of the company's distribution transformers which are associated with the institutionally owned 4.16kV distribution system and the Medical substation.

The proposed water system improvements would increase the amount of water and pressure for both consumptive and fire protection requirements. Newly published fire flow requirements and the needs for the University of Oregon Medical School
Hospital, the Basic Science Classroom and Laboratory Building and other facilities of the institutions have the net effect of placing greater demands on the water system and of moving large volumes of water for fire protection throughout the campus. The Portland Water Bureau system will deliver an adequate supply of water to meet the fire protection requirements of approximately 4,000 gallons per minute in addition to average maximum day-consumptive requirements of about 1,600 gallons per minute, but the existing campus system is inadequate due to meter and backflow-prevention flow restrictions and the lack of "looped" piping systems. It is expected that the proposed improvements would include the installation of three eight-inch loops, sub-meters and check valve assemblies as well as the installation and relocation of backflow-prevention assemblies.

In accordance with the program approved by the Board on March 26, a request is being presented to the Emergency Board on May 9-10 that more than half of the total expenditure limitation for Utility Improvements at the University of Oregon Medical School be transferred to assist in the financing of the OCE Auditorium and Related Fine Arts Facilities. If that request is approved, most of the steam service improvements contemplated previously, including the construction of the initial unit of a new central heating plant on the south portion of the Medical School campus, would not be accomplished in this biennium. Some minor modifications in the existing steam services will be undertaken, if possible, within the total resources of $600,000 being requested for release for expenditure.

Of the total budget of $600,000, approximately $30,000 would be provided from self-liquidating bond borrowings under the provisions of Article XI-F(1) and/or balances available for auxiliary enterprises and the remaining $570,000 would be provided equally between the General Fund appropriation within Section 1 of Chapter 592, Oregon Laws 1973, and Article XI-G bond borrowings.

RECAPITULATION UPON ACCEPTANCE OF CONSTRUCTION DOCUMENTS

Project - UOIS Utility Improvements (Water and Electrical System)

Engineers - Cornell, Howland, Hayes & Merryfield/Hill, Portland & Corvallis

Legislative authorization - Chapter 592, Oregon Laws 1973

Board's priorities in 1973-1975:
Educational & general plant - 5b (part)
Auxiliary enterprises - 1b (part)

Estimated total project cost $600,000

Estimated direct construction costs (Including acquisition of electrical equipment from serving utility) $476,850

Tentative schedule:
Bidding - May 1974
Completion - June 1975

Tentative financing plan:
State funds $285,000
Article XI-G bond borrowings 285,000
Self-liquidating bond borrowings issued under provisions of Article XI-F(1) and/or balances available for auxiliary enterprises 30,000

Total $600,000

Board Discussion and Action

The Board accepted the report as presented.
Staff Report to the Board

Based upon the recommendation of officials of Portland State University for the acceptance of the construction documents phase of planning prepared by C. W. Timmer Associates, Inc., Beaverton, for the proposed Utility Improvements at that institution, the Board's office has forwarded a request to the State Emergency Board for the release of funds authorized for this project by the 1973 Legislature. If this approval is obtained and satisfactory bids are received, contract awards will be made for the work.

The project is to be in two parts: (1) proposed steam service improvements including the addition of a second boiler in the southwest utility plant and the installation of new steam and condensate return lines for connection to the Science Buildings; and (2) the installation of a monitoring system which would provide the capability for Physical Plant personnel to take readings of various environmental variables, such as temperature and humidity, and would provide command and response controls with various status indicators including alarm signals activated by a variety of programmed conditions. The new boiler would have a rated capacity of approximately 20,000 MBH, comparable to the existing unit, would be equipped to burn either natural gas or oil, and would operate below maximum pressures of 15,000 pounds, the limit for boilers without continuous supervision. It would be installed within a small addition at the east side of the existing plant.

Because of the rapid escalation of construction prices subsequent to the formulation of the capital construction requests, it appears likely that a larger portion of the project budget for the utility improvements will need to be devoted to the proposed steam service improvements, which have the higher priority, and thus limit the scope of the monitoring system to that which can be accomplished from the balance of the resources available within the authorized expenditure limitation of $450,000.

The project engineers have estimated the direct construction costs for the steam system improvements at $256,000, leaving approximately $142,900 for the initial phase of the monitoring system. Of the total project budget of $450,000, it is expected that $30,000 would be provided from self-liquidating bond borrowings or other resources available for auxiliary enterprises, and the remainder of $420,000 would be financed equally from the General Fund appropriation and Article XI-G bond proceeds.

RECAPITULATION UPON ACCEPTANCE OF CONSTRUCTION DOCUMENTS PHASE OF PLANNING

Project - PSU Utility Improvements

Engineers - C. W. Timmer Associates, Inc., Beaverton

Legislative authorization - Chapter 592, Oregon Laws 1973

Board's priorities - No. 5e in 1973-1975 (Education & general plant)
          No. 1e in 1973-1975 (Auxiliary enterprises)

Estimated total project cost  $450,000
Estimated direct construction costs $398,900

Tentative schedule:
Bidding - June 1974
Completion - June 1975

Tentative financing plan:
General Fund appropriation $210,000
Article XI-G bonding 210,000
Self-liquidating bond borrowings and/or balances available for auxiliary enterprises 30,000

Total $450,000
**Meeting #416-109**  
May 21, 1974

**Board Discussion and Action**

The Board accepted the report as presented.

**Report of Inspection and Acceptance**

Upon the recommendation of Portland State University officials and W. E. Group, P.C., project architects, the work of the prime contractor for the Smith Memorial Center Remodeling at Portland State University was accepted on behalf of the Board as of March 8, 1974. The work was inspected previously by the Vice Chancellor for Facilities Planning.

A revised semifinal project budget is shown below in comparison with the budget reported to the Board on May 22, 1973:

<table>
<thead>
<tr>
<th>Project Costs</th>
<th>Revised Budget 3/8/74</th>
<th>Original Budget 5/22/73</th>
<th>Increase or Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct construction costs:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contract with Bart Hess, Portland</td>
<td>$300,971</td>
<td>$269,712</td>
<td>$31,259 (1)</td>
</tr>
<tr>
<td>Reroofing (contracted previously)</td>
<td>39,360</td>
<td>39,360</td>
<td>-</td>
</tr>
<tr>
<td>Other</td>
<td>6,374</td>
<td>8,350</td>
<td>(1,976)</td>
</tr>
<tr>
<td>Total direct construction costs</td>
<td>$346,705</td>
<td>$317,422</td>
<td>$29,283</td>
</tr>
<tr>
<td>Professional service fees</td>
<td>34,995</td>
<td>31,287</td>
<td>3,708</td>
</tr>
<tr>
<td>Furnishings and equipment</td>
<td>9,327</td>
<td>20,000</td>
<td>(10,673)</td>
</tr>
<tr>
<td>Construction supervision</td>
<td>3,750</td>
<td>3,750</td>
<td>-</td>
</tr>
<tr>
<td>Physical Plant and miscellaneous costs</td>
<td>223</td>
<td>964</td>
<td>(741)</td>
</tr>
<tr>
<td>Contingencies</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Total</td>
<td>$395,000</td>
<td>$395,000</td>
<td>(0)</td>
</tr>
</tbody>
</table>

(1) Includes revisions to the type and quantity of acoustical tile to be installed; rerouting of electrical feeder wireway in way of new stairway; addition of lock switches to three automatic door locks; addition of magnetic hold-opens on five basement doors with one smoke detector release; relocation of existing refrigerator lines and syrup lines; lighting fixture modifications; partition modifications to accommodate change in use of Room Nos. 1 and 47; acceptance of Alternate No. 4 incorporating changes in Dishwasher Room No. 258; additional wall furring in Room No. 126; adding a clock outlet; and other minor changes included within ten change orders (nine approved; one pending).

The principal items of work within the contract with Bart Hess included the construction of a new stairway in the southeast section of the building to provide improved access to the lower level food service area from S. W. Harrison Street and the Viking Room on the main floor, the addition of a freezer room within the basement kitchen area, the relocation of the bookstore, the rehabilitation of the corridors at the northwest and west sides of the basement, including the development of a vending area adjacent to the recreation areas, and the relocation of dishwashing equipment from the area adjacent to the Scramble Bar on the main floor to the second floor. The work also included a number of changes to make the building more usable by the physically handicapped. For example, modifications were made to several toilet rooms and some of the exterior doors were converted to automatic operation.

Funds for the project were provided from proceeds from the sale of self-liquidating bonds issued under the provisions of Article XI-F(1) of the Oregon Constitution and from balances available from commingled student building fees.

**RECAPITULATION UPON INSPECTION AND ACCEPTANCE**

**Project -** PSU Smith Memorial Center Remodeling

**Architects -** W. E. Group, P.C. (successors to Wilmsen, Endicott, Greene, Bernhard & Associates), Portland
Legislative authorization - Chapter 709, Oregon Laws 1971

Board's priority in 1971-1973 - No. 9 (Auxiliary Enterprises)

Approximate net area - 13,092 square feet (including Dishwashing Room No. 258)

Total project costs $395,000

Direct construction costs (excluding reroofing and other minor improvements accomplished outside of the prime contract):
- Total $300,971
- Average (per square foot) - $22.99

Financing plan:
- Self-liquidating bond borrowings issued under the provisions of Article XI-F(1) of the Oregon Constitution $340,000
- Balances available for auxiliary enterprises (comprising student building fees) $55,000
- Total $395,000

Board Discussion and Action

The Board accepted the report as presented.

Report of Bids and Contract Award for Lincoln Hall (Old Main) Alterations, PSU

Inasmuch as the construction documents phase of planning completed by Architects W. E. Group, P.C., for the Lincoln Hall Alterations at Portland State University was in substantial agreement with the earlier phase approved by the Board on August 27, 1973, acceptance was acknowledged by the Board's staff and bids were solicited for the project. The base proposals submitted by five contractors on April 12, 1974, ranged from a low of $1,239,888 to a high of $1,434,740. These amounts excluded the separate quotations for various items of work specified as additive alternates such as the orchestra pit, the proposed modification of the projection booth within the basement lecture room, the completion of some of the offices, rehearsal rooms and band room, etc. By effecting minor modifications through a change order executed simultaneously with the contract award to the low bidder, it was possible to include all work relating to the band room and to proceed with the project within the approved expenditure limitation of $1,620,000, budgeted as follows:

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct construction costs - E. Carl Schliewe, Portland: Base bid (as above)</td>
<td>$1,239,888</td>
</tr>
<tr>
<td>Add - Alternate exercised for band room</td>
<td>$58,202</td>
</tr>
<tr>
<td>Deduct - Change order reductions effected simultaneously with contract award</td>
<td>81,746</td>
</tr>
<tr>
<td>Professional services fees (including initial feasibility study and consultants' charges)</td>
<td>168,137</td>
</tr>
<tr>
<td>Furnishings and equipment</td>
<td>170,865</td>
</tr>
<tr>
<td>Construction supervision and miscellaneous costs</td>
<td>16,000</td>
</tr>
<tr>
<td>Contingencies (4% of direct construction costs)</td>
<td>48,654</td>
</tr>
<tr>
<td>Total</td>
<td>$1,620,000</td>
</tr>
</tbody>
</table>

The remodeling within Lincoln Hall includes major revisions for the improvement of the electrical and mechanical systems, the installation of a fire alarm system, air conditioning, the installation of an elevator serving all floor levels, the complete rehabilitation of the auditorium, the stage, the extension of the fly gallery, and improvements also to the dressing rooms, green room, design studio, repair shop and other theatre arts special-purpose spaces. Provision is being made for the possible future installation of several modular music practice room units at the west end of the basement.
Meeting #416-111

May 21, 1974

RECAPITULATION UPON RECEIPT OF BIDS AND AWARD OF CONTRACT

Project - FSU Lincoln Hall (Old Main) Alterations
Architects - W. E. Group, P.C., Portland
Legislative authorization - Chapter 709, Oregon Laws 1971
Board's priority - No. 30 in 1971-1973 (Educational and general plant)
Gross area of building - Approximately 80,000 square feet
Approximate net area directly affected by the remodeling - 45,576 square feet
Estimated total project costs (excluding $50,000 previously allocated for Shattuck Hall renovations and furnishings and $40,000 provided from institutional and Board rehabilitation funds for force account work) - $1,620,000
Estimated direct construction costs - 1,216,344

Tentative schedule:
Contract award - April 1974
Completion - January 1975

Tentative financing plan:
General Fund appropriation within Chapter 709, Oregon Laws 1971, and bond borrowings under the provisions of Article XI-G of the Oregon Constitution - 1,620,000

Board Discussion and Action

The Board accepted the report as presented.

Report of Meeting of Academic Affairs Committee

The Academic Affairs Committee met in regular session at 9:00 A.M. April 23, 1974, in Room 327, Smith Memorial Center, Portland State University, to consider the following matters.

1. Report of the Commission on the Marine Sciences. Committee discussion and recommendation, p. 56 of these minutes.


3. A Proposal for the Establishment of a Pacific Rim Studies Center. Committee discussion and recommendation, p. 62 of these minutes.

4. Request of Portland State University for Authorization To Offer MA/MS Degree Programs in Urban Studies. Committee discussion and recommendation, p. 21 of these minutes.

5. Request of Portland State University for Authorization To Change Graduation Requirement in English Composition. Committee discussion and recommendation, p. 13 of these minutes.

6. Request of Southern Oregon College for Authorization To Change Designation of Its BA/BS Degree Program in Law Enforcement to BA/BS Degree in Criminology. Committee discussion and recommendation, p. 43 of these minutes.

7. Request of Oregon College of Education for Authorization To Offer BA/BS Degree in Social Science-Law Enforcement. Committee discussion and recommendation, p. 41 of these minutes.
Meeting 5416-112

May 21, 1974

8. Request of Oregon College of Education for Authorization To Offer a Graduate Degree Option Leading to Endorsement for Standard Norm Certification in Language Arts-Speech or Language Arts-Drama.

Committee discussion and recommendation, p. 34 of these minutes.

The Committee adjourned at 3:30 P.M.

Board Discussion and Action

The Board accepted the report as presented.

(Considered by Building Committee, April 24, 1974; present--Joss, Maden, Snider, Johnson, McIntyre.)

Staff Report to the Committee

Although it will be several weeks before recommendations are formulated by the staff for capital outlay programs for the next three biennia, including recommendations for the priority rankings of projects and land purchases for 1975-1977, a progress report can be made to the Committee and other members of the Board, thus providing an opportunity for comments and questions well in advance of the time that final decisions must be made. (Based upon prior experience, it is assumed that capital outlay budget materials will need to be submitted to the Executive Department prior to September 1. Tentatively, it is expected that staff recommendations will be presented to the Building Committee in June for review and appropriate recommendations for action by the Board in July.)

In seeking information from institutional officials concerning their capital outlay requests for the next biennium, the staff expressed the opinion that it would be futile to involve the substantial amount of time required to prepare long lists of projects even though they may be justified on a statistical or other basis. Because of the financial difficulties being experienced by state government, the relative stability of student enrollments compared with earlier growth trends, and the expressed intent of the Board to avoid increases in annual operating costs for new space unless such additional areas are absolutely essential, it was noted that the opportunities for major plant additions appeared to be minimal, and that emphasis would need to be placed upon correcting various deficiencies, particularly those relating to occupational safety and health as emphasized by the provisions of Chapter 833, Oregon Laws 1973 (Enrolled Senate Bill 44). It was recognized that some new buildings and major rehabilitation projects, as well as various utility improvements, likely would be required to meet the most critical current needs.

The listings submitted by institutional officials included, among other items, those for which funding had been requested--but not obtained--from the Legislature in the last regular session and/or in the recent special session, each having high priority on the individual campuses. Furthermore, as a result of the combined efforts of representatives of the State Fire Marshal's office, the Workmen's Compensation Board, the Department of Commerce and other jurisdictional agencies working as a team with members of the Board's staff and the institutions, a long-range program for the correction of unsafe conditions has been developed and the initial phase likely will warrant high ranking in the System-wide priority listing for 1975-1977.

The following tabulation reflects those projects requested by the institutions (or initiated by the Board's staff) which appear to qualify for further consideration in developing the capital construction program recommendations for the next biennium. (A number of other projects had been included in the materials first submitted to the Board's Office, but have been deleted or deferred to subsequent biennia, generally with the concurrence of officials of the particular institutions involved.) The values for the projects listed are based upon the price level at January 1, 1974, and will require adjustments in order to reflect the estimated requirements projected to the time of bidding. Furthermore, as additional study is given to the program, the scope of any one project may need to be increased or decreased, some projects and land purchases may need to be added and other projects eliminated. It is emphasized that System-wide priority rankings have not been made and that it is possible that some rearrangement of institutional priority ratings may be requested prior to the preparation of specific recommendations from the Board's staff to the Building Committee.
TENTATIVE LISTING, BY INSTITUTION, OF CAPITAL CONSTRUCTION REQUESTS
FOR 1975-1977

<table>
<thead>
<tr>
<th>Institution</th>
<th>Educational and General Plant</th>
<th>Gifts &amp; Grants</th>
<th>Auxiliary Enterprises</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eastern Oregon State College</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Safety Deficiency Correction Program Phase I</td>
<td>$62,470</td>
<td>-</td>
<td>-</td>
<td>$62,470</td>
</tr>
<tr>
<td>Total - Eastern Oregon State College</td>
<td>$62,470</td>
<td>-</td>
<td>-</td>
<td>$62,470</td>
</tr>
<tr>
<td>Oregon College of Education</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Safety Deficiency Correction Program Phase I</td>
<td>$117,290</td>
<td>-</td>
<td>-</td>
<td>$117,290</td>
</tr>
<tr>
<td>Total - Oregon College of Education</td>
<td>$117,290</td>
<td>-</td>
<td>-</td>
<td>$117,290</td>
</tr>
<tr>
<td>Oregon State University</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Safety Deficiency Correction Program Phase I</td>
<td>$1,250,150</td>
<td>-</td>
<td>-</td>
<td>$1,250,150</td>
</tr>
<tr>
<td>2. Withycombe Hall and Farm Crops Building Remodel</td>
<td>1,950,000</td>
<td>-</td>
<td>-</td>
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</tr>
<tr>
<td>3. Chemistry Addition and Gilbert Hall Renovation</td>
<td>3,600,000#</td>
<td>-</td>
<td>-</td>
<td>3,600,000</td>
</tr>
<tr>
<td>4. Electrical and Steam Distribution Improvements</td>
<td>405,000</td>
<td>145,000</td>
<td>-</td>
<td>550,000</td>
</tr>
<tr>
<td>5. Marine Science Center Library and Laboratory Addition</td>
<td>690,000</td>
<td>-</td>
<td>-</td>
<td>690,000</td>
</tr>
<tr>
<td>6. Student Union Facilities</td>
<td>-</td>
<td>2,255,000</td>
<td>-</td>
<td>2,255,000</td>
</tr>
<tr>
<td>7. Dairy Center Feed Barn</td>
<td>110,000</td>
<td>-</td>
<td>-</td>
<td>110,000</td>
</tr>
<tr>
<td>8. Kidder Hall Remodel</td>
<td>265,000</td>
<td>-</td>
<td>-</td>
<td>265,000</td>
</tr>
<tr>
<td>9. Oceanography Addition</td>
<td>-</td>
<td>1,070,000</td>
<td>-</td>
<td>1,070,000</td>
</tr>
<tr>
<td>Total - Oregon State University</td>
<td>$8,270,150</td>
<td>$1,070,000</td>
<td>$2,400,000</td>
<td>$11,740,150</td>
</tr>
<tr>
<td>Southern Oregon College</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Safety Deficiency Correction Program Phase I</td>
<td>$111,600</td>
<td>-</td>
<td>-</td>
<td>$111,600</td>
</tr>
<tr>
<td>2. Utility Support (Plant Interconnection &amp; Chilling)</td>
<td>682,500</td>
<td>292,500</td>
<td>-</td>
<td>975,000</td>
</tr>
<tr>
<td>3. Drama Laboratory (Theater)</td>
<td>-</td>
<td>2,100,000</td>
<td>-</td>
<td>2,100,000</td>
</tr>
<tr>
<td>4. Susanne Homes Hall Remodeling (Art)</td>
<td>1,730,000</td>
<td>-</td>
<td>-</td>
<td>1,730,000</td>
</tr>
<tr>
<td>5. Siskiyou Commons Addition &amp; Remodeling (Administration)</td>
<td>1,370,000</td>
<td>-</td>
<td>-</td>
<td>1,370,000</td>
</tr>
</tbody>
</table>
**Southern Oregon College (continued)**

<table>
<thead>
<tr>
<th>Item Description</th>
<th>State Funds</th>
<th>Gifts &amp; Grants</th>
<th>Auxiliary Enterprises</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>6. Physical Education Activity Areas</td>
<td>75,000</td>
<td></td>
<td>80,000</td>
<td>155,000</td>
</tr>
<tr>
<td>7. Grandstand</td>
<td></td>
<td></td>
<td>430,000*</td>
<td>430,000</td>
</tr>
<tr>
<td>8. Utility Support (Oil storage)</td>
<td>448,000</td>
<td></td>
<td>192,000</td>
<td>640,000</td>
</tr>
<tr>
<td><strong>Total - Southern Oregon College</strong></td>
<td><strong>$4,417,100</strong></td>
<td><strong>$2,100,000</strong></td>
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<td><strong>$7,517,100</strong></td>
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</table>

**University of Oregon**

<table>
<thead>
<tr>
<th>Item Description</th>
<th>State Funds</th>
<th>Gifts &amp; Grants</th>
<th>Auxiliary Enterprises</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Safety Deficiency Correction Program Phase I</td>
<td></td>
<td>$1,527,080</td>
<td>$1,527,080</td>
<td>$1,527,080</td>
</tr>
<tr>
<td>2. Remodeling of Various Campus Buildings</td>
<td></td>
<td>1,560,000*</td>
<td></td>
<td>1,560,000</td>
</tr>
<tr>
<td>3. School of Music Addition &amp; Alterations</td>
<td></td>
<td>1,455,000</td>
<td></td>
<td>1,455,000</td>
</tr>
<tr>
<td>4. Utility Improvements</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Pollution Control (Phase II)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Electrical Hazards Correction (Phase II)</td>
<td></td>
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<tr>
<td>c. Chilled Water Improvements</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. College of Education Addition &amp; Alterations</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. School of Architecture &amp; Allied Arts Additions &amp; Alterations</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Marine Biology Institute (Charleston) Phased Improvements (I)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total - University of Oregon</strong></td>
<td><strong>$7,962,080</strong></td>
<td>$650,000</td>
<td>$8,612,080</td>
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</tbody>
</table>

**University of Oregon Health Sciences Center**

<table>
<thead>
<tr>
<th>Item Description</th>
<th>State Funds</th>
<th>Gifts &amp; Grants</th>
<th>Auxiliary Enterprises</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Safety Deficiency Correction Program Phase I</td>
<td></td>
<td>$1,316,230</td>
<td>$1,316,230</td>
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</table>

**University of Oregon Medical School**

<table>
<thead>
<tr>
<th>Item Description</th>
<th>State Funds</th>
<th>Gifts &amp; Grants</th>
<th>Auxiliary Enterprises</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Utility Systems Improvements, Phase II</td>
<td></td>
<td></td>
<td>69,800</td>
<td>1,995,000</td>
</tr>
<tr>
<td>2. Mackenzie Hall and Administration Building Alterations</td>
<td></td>
<td></td>
<td></td>
<td>555,000</td>
</tr>
<tr>
<td>3. University Hospital North Dietary Areas Alterations</td>
<td></td>
<td></td>
<td></td>
<td>325,000</td>
</tr>
<tr>
<td>4. University Hospital North Obstetrics Area Alterations</td>
<td></td>
<td></td>
<td></td>
<td>800,000</td>
</tr>
</tbody>
</table>
### University of Oregon Dental School

1. Preclinical Technique Laboratories Alterations 430,000
2. Ground Floor and Basement Alterations 480,000

**Total - University of Oregon Health Sciences Center**

$5,831,430 69,800 $5,901,230

### Portland State University

1. Safety Deficiency Correction Program, Phase I $46,430
2. Street Lighting 95,000
3. Corrections for Handicapped 65,000
4. Shattuck Hall Alterations for Relocation of OEPBS/ITV 515,000

**Total - Portland State University**

$721,430

### Oregon Institute of Technology

1. Safety Deficiency Correction Program, Phase I $66,500
2. Library Building 1,950,000

**Total - Oregon Institute of Technology**

$2,016,500

### Oregon Educational and Public Broadcasting Service

1. TV Mobile Unit Color Modification and Capitol Studio $65,000 185,000 $250,000
2. Coastal TV Translators 90,000
3. Eastern Oregon Transmitter Network 440,000

**Total - Oregon Educational and Public Broadcasting Service**

$780,000

### General

1. Various Land Purchases $250,000

**Grand Totals**

$29,713,450 3,385,000 $4,364,300 $37,462,750

*Excludes items listed under "Safety Deficiency Correction Program, Phase I"

*Includes $250,000 of gift funds
Brief narrative descriptions of the various projects are shown in Supplement A to these minutes.

**Staff Recommendation to the Committee**

No staff recommendation is being made at this time with respect to the listing, by institution, of the tentative capital construction requests for 1975-1977. The purpose of the presentation is to afford members of the Building Committee and other members of the Board an opportunity to review the requests on a preliminary basis, make comments and ask questions about individual items or the total program. Such discussion will be helpful to the Board's staff in the analysis which precedes the formulation of specific recommendations for priority rankings of the capital outlay items for the next biennium.

**Discussion and Recommendation by the Committee**

During the Committee Discussion, Mr. Joss commented that faculty and students sometimes are not fully aware of the long-range needs for (1) protection of the investment in physical facilities; (2) efficient utilization of these facilities; and (3) improvement of inadequate facilities. He suggested that a definite effort be made to explain these factors more fully to faculty and students.

Mr. Hunderup said substantial data would be developed to document the requests for capital construction, but it would be helpful to have reactions from the Committee to the tentative list before developing the background information in detail.

At the conclusion of the discussion, it was indicated that capital construction requests should be prepared on the basis set forth in the tentative list. Mr. Hunderup said highest priority would be assigned to projects mandated by the legislature, such as those for the correction of unsafe conditions.

**Board Discussion and Action**

The Board accepted the report as presented.
Health and Incidental Fees  

(Considered by Finance Committee, April 24, 1974; present—Vossler, Layman, McIntyre, Westerdahl, Corey, Holmes, Johnson, Joss, Maden, Snider.)

Staff Report to the Committee

Information about incidental fee collection and utilization has been assembled and is reproduced on the following pages. It points up major similarities and differences in the uses to which the fee is put.

The Interinstitutional Fee Committee will meet on April 24 to plan for presentation of recommendations for modification of incidental fee and health service policies and practices at the meeting of the Finance Committee on October 29. The October date has been selected to assure ample opportunity for collection and evaluation of facts and alternatives and for consultation with student representatives.

Discussion and Recommendation by the Committee

During the discussion, it was suggested that recommendations for modification of the health and incidental fees should include consideration of the following:

1. The extent to which incidental fee support must be continued for student unions and other buildings constructed with XI-F(1) bonds. A legal opinion may be required.

2. Health insurance programs and options available in the use of voluntary or mandatory health fees.

3. An analysis of the student impact in terms of cost-per-student for individual programs.

4. Classification and common definition of terms used in referring to programs supported through incidental fees.

The Finance Committee accepted the report, with the understanding that the comments and instructions indicated in the discussion would be considered during the preparation of information and recommendations for further Finance Committee consideration.

Board Discussion and Action

The Board accepted the report as presented.
### Incidental Fee Use Classification

#### Six Institutions

<table>
<thead>
<tr>
<th>Classification</th>
<th>DD Incidental Fee</th>
<th>OSU Incidental Fee</th>
<th>PSC Incidental Fee</th>
<th>OCE Incidental Fee</th>
<th>SOC Incidental Fee</th>
<th>ESC Incidental Fee</th>
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<td>Physical Plant Administration</td>
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<tr>
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<td>1,814,622</td>
<td>200,000</td>
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<td>42,591</td>
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<td>2,000</td>
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<td>Support Activities</td>
<td></td>
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<td>Educational Activities</td>
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<tr>
<td>Speakers (See cultural activities)</td>
<td>4,500</td>
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<td>-</td>
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<td>4,500</td>
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<td>Radio Station</td>
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<td>(See cultural activities)</td>
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<td>10,654</td>
<td>124,869</td>
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<td><strong>$2,293,165</strong></td>
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### INCIDENTAL FEE USE CLASSIFICATION

Oregon Institute of Technology  
and  
University of Oregon Medical and Dental Schools

<table>
<thead>
<tr>
<th>Classification</th>
<th>OIT</th>
<th>Other</th>
<th>UOMS - UODS</th>
<th>Other</th>
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<td>$15,000</td>
<td>$ -</td>
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<td>Recreation Sports</td>
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<td>Intercollegiate Athletics</td>
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<td>Formal Instruction</td>
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<td>Minority Groups</td>
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<tr>
<td>Information Center</td>
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<td>Orientation Activities</td>
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<td>Special Events</td>
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<td>Radio Station</td>
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<tr>
<td>Other Service Activities</td>
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<tr>
<td>Food Service (if in Student Center)</td>
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<tr>
<td>Other (including contingency reserve)</td>
<td>2,000</td>
<td>$ -</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td>$127,666</td>
<td>$8,450</td>
<td>$66,271</td>
<td>$ -</td>
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</tbody>
</table>
Mr. Mosser said that students from Portland State University had requested an opportunity to appear with reference to a particular incidental fee program at Portland State University.

Miss Carleen Schaar said that Portland State University was established for the purpose of educating those who could not afford or did not wish to attend the University of Oregon or Oregon State University, or any other endowed or alumni-supported school. She said that asking students to support football teams with a substantial share of the incidental fee money when academic programs are being cut suggests that the original concept for an urban learning center has lost strength. She said it is unreasonable for 10,000 students of diverse interests, who are largely self-supporting, to see a disproportionate amount of student fees used to subsidize 68 students on a football team.

Miss Cindy Parker, Chairman of the Student Internal Fee Committee at Portland State University, said the committee had recommended the football program be dropped because of an unsatisfactory fiscal record. She said Acting President E. Dean Anderson has recommended funding for the football team for one additional year under certain criteria intended to insure that no further deficits are incurred by the program. Miss Parker said the committee was willing to accept that recommendation but it was concerned that a change in administration might result in a change in the criteria. She asked the Board to insist that these criteria be followed and student priorities realized.

In response to a question as to whether football should be continued at Portland State University, Miss Parker said student opinion would indicate that football was low on the priority list of activities which the students wished to support. She said she would prefer to see intercollegiate athletics and women's extramural athletics supported from incidental fees rather than from the academic budget, particularly at Portland State University, because she would rather see academic programs retained before football. Also in response to a question, Miss Parker said incidental fees should be used exclusively by the students who paid for them.

Mr. Steven Brenner, Chairman of the Committee on Intercollegiate Athletics, appeared in support of the athletic program. He said urban institutions elsewhere in the country have athletic programs. He said that Portland State University lacks a positive relationship with the community. The athletic program contributes to the development of an image and community relationship.

Mr. Brenner indicated that poor team records and lack of attendance have resulted in a lack of revenue. He also said that Portland State University, the University of Oregon and Oregon State University are required to have self-supporting operations in athletics whereas other institutions in the State System have some academic appointments for coaching staff. He urged that all institutions be required to meet the same standards. He said the athletic program at Portland State University is more like the programs at the smaller institutions than those at the other universities.

Mr. Brenner proposed that the Board issue a statement supporting a continued, well-rounded, complete athletic program, and that the Board assist the institution in attaining such a program. He also pointed out that it is necessary to consider both short-range and long-range goals for the program.

Mr. Pat Bennett, a student at Portland State University, said there is definite disagreement with the budget among people involved in various educational activities and among the members of the student body. He said football, just as any other program funded from incidental fees, should be funded according to the interest and participation of the student body and at a level commensurate with funding of other activities. He was also concerned that placing coaches on academic salaries would cut into academic programs or result in a large tuition increase to provide the necessary funds.
Mr. Tim Hibbits, a member of the Incidental Fee Committee, said football has not produced revenue but has shown a deficit. He said Portland State University is not comparable to other urban institutions which were mentioned. He indicated the committee was not opposed to athletics but favored high-participant, low-cost athletic programs.

Mr. Craig Henry, Student Body President, said he supported the recommendation of Acting President Anderson with respect to the football program. He said it was now clearly understood that if the football program continued to have a deficit, the program would be dropped.

**Board Discussion and Action**

The Board accepted the report as presented.

Mr. Mosser said Mr. Will R. Flavelle, a student at Portland State University, had requested an opportunity to comment upon the use of the full-time-equivalent students as a method of evaluating institutional needs.

Mr. Flavelle read the following statement:

I am a part time student at Portland State University, although I paid full-time tuition. My situation is a result of audits not being counted in the FTE.

I am registered for six hours of classes for credit. This places me in the same category as 35% of the students attending Portland State; a group about five times larger than comparable groups at Oregon or Oregon State, according to a recent study by the Office of Institutional Research at Portland State University. This group is listed as taking 7 credit hours or less.

I have no statistical data to convey a reasonable approximation of the degree to which I typify the 35% of the Portland State student body who are part time students taking 7 hours or less. I am one example.

My two "countable" classes are Experimental Physiological Psychology and Numerical Calculus. This allows access to lab facilities and access to the student use computer facilities. I need have taken only six hours for these expensive privileges...

However, I audited third term Russian (four "noncountable" credit hours) plus a couple of other classes that have interest. I reasoned that since you can get more at the same price after 12 credit hours why not take more.

This is the same reasoning used by many of the students at Oregon and Oregon State. But most of them aren’t working.

Anyway, I also have access to the language lab for the six credit hours I represent in the FTE method of evaluation.

I use the University's facilities more extensively than is indicated in the method of assessment presently in use. We are not the same as Oregon and Oregon State and we should not be evaluated by a method that ignores significant differences.

Our hope is that the Board alter the FTE method of evaluating institutional needs to more accurately reflect existing realities.

There was general discussion of various options using the FTE hours as a basis for allocating financial resources. Mr. Madden requested that consideration be given to defining FTE in terms of the average number of hours taken by a student at a particular institution. He said this would be a more equitable basis for allocating funds to the institutions.

**Board Discussion and Action**

The Board accepted the report as presented.
Condition of Board’s Unallocated and Plant Rehabilitation Reserves

(As of May 21, 1974, for the fiscal year ending June 30, 1974.)

I. Board’s Unallocated Reserve

Balance reported as of March 26, 1974
Less: Allocation to Portland State University approved by the Board to cover Pacific Rim Study Center expenses in 1973-74
Balance estimated as of May 21, 1974

II. Board’s Reserve for Plant Rehabilitation

Balance reported as of March 26, 1974
Less: Allocation to the Dental School for reroofing a portion of the Dental School Building
Allocation to Portland State University for alterations in the Health and Physical Education Building
Balance estimated as of May 21, 1974

Board Discussion and Action

The Board accepted the report as presented.
### Summary of Gifts and Grants to Date for Year 1973-74

<table>
<thead>
<tr>
<th>Meeting Date</th>
<th>Meeting Total</th>
<th>Cumulative Total for Current Year</th>
<th>Comparable Cumulative Total for Preceding Year</th>
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<td>22,954,908.41</td>
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<td>31,357,871.72</td>
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<td>January 22, 1974</td>
<td>8,537,629.14</td>
<td>39,895,500.86</td>
<td>$36,996,792.44</td>
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<td>March 26, 1974</td>
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<td>May 21, 1974</td>
<td>5,306,250.06</td>
<td>53,476,289.71</td>
<td>$52,632,367.89</td>
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</table>
The following gifts and grants to the institutions have been approved for acceptance and expenditure by the institutions and the Board's Office in accordance with Board action on January 27-28, 1964. It was recommended that the Secretary of the Board be authorized to make suitable acknowledgement to the donors and grantors. The Board approved the recommendation as presented.

Oregon State University

Scholarships & Fellowships

Gifts totaling $14,148.19 from the following donors for scholarships and fellowships:

- Alsea High School Student Body, Alsea
  - $150.00
- Aileen S. Andrews Foundation, Orland Park, Illinois
  - $334.00
- Banks High School '64 and Dad's Club, Banks
  - $400.00
- Carpenter Scholarships, through Ashland Senior High School, Ashland
  - $267.00
- Cockerline Memorial Trust Fund, through the U.S. National Bank of Oregon, Salem
  - $334.00
- Community Scholarship Fund, through the Western Bank, Coos Bay-Bandon
  - $400.00
- Cornell University, Ithaca, New York
  - $178.50
- Distributive Education Clubs of America, Inc., Falls Church, Virginia
  - $125.00
- The Electric Club of Oregon, Portland
  - $250.00
- Max C. Fleischmann Foundation, Carson City, Nevada
  - $666.68
- Georgia Pacific Foundation, Portland
  - $2,000.00
- Grants Pass Public Schools, Grants Pass
  - $1,100.00
- Greater Anchorage Area Borough School District - Earthquake Disaster Relief Scholarship, Anchorage, Alaska
  - $1,373.50
- Highline Public Schools, Seattle, Washington
  - $166.66
- Jaycee War Memorial Trust Fund, Tulsa, Oklahoma
  - $750.00
- Robert Johnson Trust Fund, through the First National Bank of Oregon, Portland
  - $625.00
- Mildred Litster Scholarship Trust, through the U.S. National Bank of Oregon, Medford
  - $375.00
- The Massachusetts Co., Inc., Boston, Massachusetts
  - $625.85
- K. E. McKay's Markets, Coos Bay
  - $375.00
  - $100.00
- John and Mary Milne Scholarship Fund, The Dalles
  - $333.00
- Neah-Kah-Nic High School Faculty Scholarship Fund, Rockaway
  - $100.00
- Oregon Congress of Parents and Teachers, Inc., Portland
  - $581.00
- Phoenix High School Scholarship Fund, Phoenix
  - $399.00
- Rancho Bernardo Woman's Club, San Diego, California
  - $200.00
- School District #6, Central Point
  - $662.00
- Sims Electric, Inc., Roseburg
  - $300.00
- Clyde H. Spencer Memorial Fund, through the Oregon State University Foundation, Corvallis
  - $150.00
- Max D. Tucker Scholarship Fund, through the U.S. National Bank of Oregon, Portland
  - $1,002.00
- Hans and Clara Davis Zimmerman Foundation Scholarship Grant, through the Hawaiian Trust Company, Honolulu, Hawaii
  - $250.00

Central Lincoln Grant of $46,800 from the Central Lincoln, Clatskanie, Northern Wasco and Clatskanie, Tillamook People's Utility Districts, Tillamook, for research entitled, "Wind Power Potential in Selected Areas of Oregon," January 1 through December 31, 1974, under the direction of Dr. E. Wendell Hewson, Professor of Atmospheric Sciences.
Gift to the Horner Museum of memorabilia, valued at $2,159, from Mrs. Curtis Holt, Portland.

Grant of $4,104 from the Medical Research Foundation of Oregon, Corvallis, for research entitled, "Macromolecular Interactions Between Proteins and Nucleic Acids," March 1 through August 31, 1974, under the direction of Dr. H. W. Schau, Assistant Professor of Biochemistry.

Grant of $8,823.15 from the National Council of the Paper Industry, New York City, for "Sulfite Waste Liquor Research," January 1 through March 31, 1974, under the direction of Dr. James G. Knudsen, Associate Dean of Engineering.

Grants totaling $1,127,800 from the National Science Foundation, Washington, D. C., for research and other purposes, as follows:

1. $51,700 - "Collaborative Research in Paleo-Oceanographic Studies of Late Quaternary Ocean Circulation and Climate in the Northern Atlantic and Pacific Oceans," March 1, 1974, through January 31, 1976, under the direction of Dr. Theodore C. Moore, Jr., Assistant Professor of Oceanography, and Dr. G. Ross Heath, Associate Professor of Oceanography.

2. $20,000 - "Physical Studies of Chromatins," April 1, 1974, through September 30, 1975, under the direction of Dr. K. E. VanHolde, Professor of Biophysics.

3. $91,000 - "International Southern Ocean Studies: Study of Thermohaline Processes under Antarctic Sea Ice in Winter," April 15, 1974, through September 30, 1976, under the direction of Dr. Victor T. Neal, Assistant Professor of Oceanography, and Dr. Henry Crew, Research Associate in Oceanography.

4. $465,100 - "An Investigation of the Lithospheric Plate and Its Interaction with the South American Continental Block," April 1, 1974, through November 31, 1975, under the direction of Dr. LaVerne D. Kulm, Associate Professor of Oceanography.

5. $443,000 - "To pay costs for Salaries, Wages, Materials and other expenses for Vessel Operation," December 1, 1972, through June 30, 1975, under the direction of Dr. Wayne V. Burt, Assistant Dean of Research, and Captain Ellis B. Rittenhouse, Associate Professor of Oceanography.

6. $57,000 - "Structures, Dynamics and Vibrational Potential Functions of Molecules," May 1, 1974, through October 31, 1975, under the direction of Dr. Kenneth Hedberg, Professor of Chemistry.

Grant of $6,246 from the Oregon State Department of Agriculture, Salem, "for training of persons as Pesticide Applicators," February 1 through June 30, 1974, under the direction of Dr. Ronald Burt, Extension Agronomist.

Grant of $25,906 from the Oregon State University Foundation, Corvallis, for research entitled, "Hydraulic Model Testing of the FM Wave Attenuation Device," March 1 through July 31, 1974, under the direction of Dr. Charles K. Sollitt, Assistant Professor of Civil Engineering.

Grant of $500 from the Panhellenic Association, Corvallis, "to be added to the Emergency Loan Fund."

Grant of $79,200 from the Rockefeller Foundation, New York City, "for Salaries, Wages, Materials and other expenses for finding methods for wheat improvement in the Middle East and North Africa," July 1, 1973, through June 30, 1974, under the direction of Dr. Warren E. Kronstad, Professor of Agronomic Crop Science.

Grant of $16,000 from the U. S. Army, Portland District Corps of Engineers, Portland, "to obtain and analyze data on the application of ERIS 1 Satellite data to depth measurement and shoal monitoring in the Columbia River," March 14 through June 30, 1974, under the direction of Dr. James H. Herzog, Associate Professor of Electrical and Computer Engineering.
Grants totaling $87,499 from the U. S. Atomic Energy Commission, Richland, Washington, for salaries, wages, materials and other expenses for research, and other purposes, as follows:

1. $23,624 - "Natural Convection Heat Transfer in Liquid Metals," April 1, 1974, through March 31, 1975, under the direction of Dr. James R. Welty, Head of Mechanical and Metallurgical Engineering.


3. $61,875 - "For the fabrication and procurement of specified fuel elements to operate the Oregon State TRIGA Reactor," March 5 through December 31, 1974, under the direction of Dr. C. H. Wang, Director of the Radiation Center.

Grant of $56,425 from the U. S. Department of Agriculture, Portland, for research entitled, "Factors Associated with Acute Bovine Pulmonary Emphysema on Rangeland," March 21, 1974, through March 20, 1975, under the direction of Dr. E. E. Wedman, Head of Veterinary Medicine, and Dr. Dillard H. Gates, Director of Rangeland Resources Program.

Grant of $42,605 from the U. S. Environmental Protection Agency, Washington, D. C., for a training program in Water Quality Engineering," March 1 through August 31, 1974, under the direction of Dr. Frank W. Schaumburg, Associate Professor of Civil Engineering.

Grants totaling $292,460 from the U. S. Public Health Service, Bethesda, Maryland, for research, training programs, scholarships, and other purposes, as follows:

1. $2,260 - "Synthesis of Methymycin," April 1 through May 31, 1974, under the direction of Dr. James D. White, Associate Professor of Chemistry.

2. $11,363 - "Training Program in Toxicology," March 1, 1974, through June 30, 1976, under the direction of Dr. Charles E. Warren, Professor of Fisheries.

3. $21,242 - "Photoreaction and Herbicide Metabolism," April 1, 1974, through March 31, 1975, under the direction of Dr. Sheng C. Fang, Professor of Agricultural Chemistry.

4. $3,539 - "Training Program in Microbiology," March 1 through June 30, 1974, under the direction of Dr. Paul R. Elliker, Head of Microbiology.

5. $4,745 - "Training Program in Biometry," March 1, 1974, through June 30, 1975, under the direction of Dr. Lyle D. Calvin, Head of Statistics.

6. $34,206 - "Biological and Toxic Effects of Cycloprenoids," March 1, 1974, through February 28, 1975, under the direction of Dr. Donald J. Lee, Associate Professor of Food Science and Technology.

7. $68,846 - "Metabolism and Cocarcinogenicity of Cyclopropanes," April 1, 1974, through March 31, 1975, under the direction of Dr. Russell O. Sinhuber, Professor of Food Science and Technology.

8. $10,624 - "Health Professions Scholarship Program," March 12, 1974, through June 30, 1975, under the direction of Mr. Richard E. Pahre, Director of Financial Aids.

9. $28,287 - "Metabolism and Carcinogenicity of Aflatoxins," April 1, 1974, through March 31, 1975, under the direction of Dr. Donald J. Lee, Research Associate in Food Science.

10. $34,277 - "Steady-State Intoxication by Simple Hydrazines," March 1, 1974, through February 28, 1975, under the direction of Mr. Frank N. Dost, Research Associate in Veterinary Medicine.
11. $75,271 - "Metabolism of Antineoplastic Agents," February 1, 1974, through January 31, 1975, under the direction of Dr. Donald J. Reed, Associate Professor of Biochemistry.

University of Texas at Austin

Subgrant of $23,105 through the University of Texas at Austin, Texas, under a National Science Foundation grant, for research entitled, "Research Synthesis on the Primary Production of Ecosystems," October 15, 1973, through October 14, 1974, under the direction of Dr. Warren L. Webb, Research Associate in Forest Management.

Grants to Agricultural Experiment Station Departments and Divisions, for research work and other purposes, from various donors, as follows:

Agricultural Research Foundation

$146.50 - "Integrated control of pests attacking horticultural crops in Southern Oregon," under the direction of Dr. Peter H. Westigard, Professor of Entomology.

American Cyanamid Co.

$2,450 - "Insects Affecting Man and Animals," under the direction of Dr. R. L. Goulding, Professor of Entomology.

Babcock Industries, Skylane Farms Hatchery

$172 - Representing the value of baby chicks, "to be used for studies involving delaying sexual maturity," under the direction of Dr. R. W. Dorminey, Assistant Professor of Poultry.

Boeing Company, Boardman Development

$10,000 - "Disposal of Metropolitan Wastes on Sandy Soils," under the direction of Dr. V. Van Yolk, Associate Professor of Soil Science.

Carlton Rose Nurseries

$750 - "Develop and Demonstrate Methods of Growing Virus-Free Nursery Stock which is acceptable," under the direction of Dr. J. Ralph Shay, Professor of Plant Pathology, and Mr. Lloyd C. Cochran, Professor of Plant Pathology.

County Commissioners - Coos County

$675 - "Resistance of Port Orford Cedar to Phytophthora Root Rot," under the direction of Dr. Lewis F. Roth, Professor of Botany.

Curry County

$3,500 - "Grant-in-aid to assist the Ornamental Research Program," under the direction of Dr. A. N. Roberts, Professor of Horticulture.

The Dow Chemical Company

$4,000 - "Weed Investigation," under the direction of Dr. Arnold P. Appleby, Professor of Crop Science.

E. I. duPont de Nemours & Co.

$1,000 - "Work with 'Lannate' methomyl insecticide on mint and beans during 1974," under the direction of Dr. Ralph E. Berry, Assistant Professor of Entomology.

Field Burning Committee, State of Oregon

$14,476.98 - "Testing of insulation material for mobile field sanitizer and testing of straw briquetting machine," under the direction of Mr. Dale E. Kirk, Professor of Agricultural Engineering.

Gentry International Inc.

$1,372.50 - "Soil Fertility - Vegetables," under the direction of Dr. T. L. Jackson, Professor of Soil Science.

Hood River Grower Shipper Assoc.

$2,500 - "Support Research," under the direction of Mr. W. M. Mellenthin, Professor of Horticulture.

Lamb-Weston, Inc.

$1,500 - "Support of Potato Research," under the direction of Dr. T. L. Jackson, Professor of Soil Science.

Lane County Bldg. & Sanitation Div.

$1,200 - "Soil Interpretations," under the direction of Dr. G. H. Simonson, Professor of Soil Science.

Miller-Morton

$9,000 - "Parasites on Pets," under the direction of Dr. R. L. Goulding, Professor of Entomology.
<table>
<thead>
<tr>
<th>Organization</th>
<th>Proposal Title</th>
<th>Funding Amount</th>
<th>Principal Investigators</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Park Service</td>
<td>&quot;Study on visitor congestion at the Oregon Caves National Monument,&quot;</td>
<td>$2,500</td>
<td>Dr. H. H. Steeveser, Professor of Agricultural Economics</td>
</tr>
<tr>
<td>Oregon Essential Oil Growers League</td>
<td>&quot;Control of Mint Insects,&quot;</td>
<td>$2,000</td>
<td>Dr. Ralph E. Berry, Assistant Professor of Entomology</td>
</tr>
<tr>
<td>Oregon Fish Commission</td>
<td>&quot;Utilization of Seafood Industry Waste, Salmonid Nutrition, Construction</td>
<td>$15,125</td>
<td>Dr. D. K. Law, Professor of Food Science and Technology; Dr. D. L. Crawford, Professor of Food Science and Technology</td>
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<td>and Maintenance of Research Facilities,&quot;</td>
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<tr>
<td>Oregon Potato Commission</td>
<td>&quot;Infectious Diseases of Salmonid Fishes,&quot;</td>
<td>$7,000</td>
<td>Dr. J. L. Fryer, Professor of Microbiology</td>
</tr>
<tr>
<td>Oregon Processed Prune &amp; Plum</td>
<td>&quot;Research on potato corky ringspot,&quot;</td>
<td>$100</td>
<td>Dr. T. C. Allen, Jr., Professor of Plant Pathology;</td>
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<tr>
<td>Growers Comm.</td>
<td></td>
<td></td>
<td>Dr. H. J. Jensen, Professor of Nematology, Botany and Plant Pathology; Dr. P. A. Koepsell, Assistant Professor of Botany and Plant Pathology</td>
</tr>
<tr>
<td>Oregon State Game Commission</td>
<td>&quot;Research for special programs of benefit to the Oregon Potato Industry,&quot;</td>
<td>$13,950</td>
<td>Dr. M. H. Olaphlin, Assistant Professor of Horticulture</td>
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<td>Dr. M. M. Thompson, Assistant Professor of Horticulture</td>
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<tr>
<td>OSU Foundation</td>
<td>&quot;Non-virus disease of orchard crops,&quot;</td>
<td>$1,500</td>
<td>Dr. H. Ronald Cameron, Professor of Plant Pathology</td>
</tr>
<tr>
<td>Pacific Bulb Growers</td>
<td>&quot;Research on problems of importance to the Oregon Prune Industry,&quot;</td>
<td>$6,400</td>
<td>Dr. M. N. Westwood, Professor of Horticulture; Dr. M. H. Chaplin, Assistant Professor of Horticulture; and Dr. M. M. Thompson, Assistant Professor of Horticulture</td>
</tr>
<tr>
<td>Pacific Kenyon Corp.</td>
<td>&quot;Diagnosis and epizootiology of fish diseases,&quot;</td>
<td>$2,000</td>
<td>Dr. J. L. Fryer, Professor of Microbiology</td>
</tr>
<tr>
<td>U. S. Dept. of Agriculture</td>
<td>&quot;Prevention and control of vibriosis in fall chinook salmon and relate</td>
<td>$1,625</td>
<td>Dr. J. L. Fryer, Professor of Microbiology</td>
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<td>species in saltwater impoundments in the Oregon Coast,&quot;</td>
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<tr>
<td>Washington-Oregon Prune Marketing</td>
<td>&quot;Research on potential new crops,&quot;</td>
<td>$500</td>
<td>Dr. David Stamp, Assistant Professor of Agronomic Crop Science</td>
</tr>
<tr>
<td>Comm.</td>
<td>&quot;Internal browning and quality of prunes,&quot;</td>
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<td>Dr. M. N. Westwood, Professor of Horticulture</td>
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</tbody>
</table>
Gifts totaling $77,512.01 from the following donors for scholarships and fellowships:

- **American Business Women's Association - Multnomah Falls Chapter, Portland**: $150.00
- **American Cancer Society, Inc., New York City**: $1,000.00
- **Baker County School District 50 J Faculty Scholarship, Unity**: $100.00
- **Benevolent and Protective Order of Elks, Newport Lodge No. 2105, Newport**: $100.00
- **Boise Cascade Safety Achievement Scholarship, Boise, Idaho**: $300.00
- **Brookings Emblem Club No. 265, Brookings**: $100.00
- **Carpenter Foundation, through Medford Senior High School, Medford**: $498.00
- **Carpenter Foundation, through School District #6, Central Point**: $198.00
- **Carpenter Scholarship Foundation, through Ashland Senior High School, Ashland**: $620.00
- **Children's Farm Home of Oregon, Corvallis**: $555.00
- **Clatskanie High School Honor Society, Clatskanie**: $250.00
- **Cocke Memorial Trust Fund, through the U. S. National Bank of Oregon, Salem**: $1,336.00
- **College Entrance Examination Board Upper Division Scholarships, New York City**: $314.00
- **Connecticut State Scholarship Program, Eugene**: $475.00
- **Deacons Scholarship Fund, through the First National Bank of Oregon, Portland**: $100.00
- **Karl John Douglas Fund, Eugene**: $175.00
- **Eugene Symphony Association, Inc., Eugene**: $1,660.00
- **Evans Scholars Foundation, Golf, Illinois**: $5,917.00
- **Paula Fisher Memorial Scholarship, Grants Pass**: $166.67
- **Max C. Fleischmann Foundation College Scholarship, Carson City, Nevada**: $333.34
- **Max C. Fleischmann Foundation Indian Scholarship, Carson City, Nevada**: $333.00
- **Georgia-Pacific Foundation, Portland**: $750.00
- **C. T. and Esther Hansen - Knights of Columbus, Grants Pass**: $100.00
- **Louisiana-Pacific Foundation, Portland**: $250.00
- **K. E. McKay of Coos Bay, Inc., Coos Bay**: $125.00
- **Oregon Congress of Parents and Teachers, Inc., Portland**: $415.00
- **Oregon-Idaho Conference of United Methodist Women, The Dalles**: $175.00
- **Portland Rose Festival Association, Portland**: $976.50
- **Public Speaking Scholarship, Oregon Federation of Women's Clubs, Lebanon**: $150.00
- **Rotary Grant, Medford**: $100.00
- **Southern Oregon Plywood, Grants Pass**: $200.00
- **South Eugene High School Girls' Physical Education Dept. Scholarship, Eugene**: $300.00
- **South Santiam Scholarships, Corvallis**: $996.00
- **Southwestern Oregon Chapter AIA Scholarship Fund, Eugene**: $508.50
- **St. Andrews Society Scholarship, Lake Oswego**: $200.00
- **State Scholarship Commission, Eugene**: $56,567.00
- **Max D. Tucker Scholarship Fund, through the U. S. National Bank of Oregon, Portland**: $668.00
- **Thomas H. Youell Memorial Scholarship Fund, Portland**: $350.00

American Metal Climax Foundation, Inc. Grant of $500 from the American Metal Climax Foundation, Inc., Eugene, as a "Geology Gift," under the direction of Mr. W. N. McLaughlin, Director of Business Affairs.
Grant of $16,994 from the Berkeley Unified School District, Berkeley, California, "for services to be performed for Berkeley Unified School District in connection with their Willard Junior High School Organization Development program," January 1 through June 30, 1974, under the direction of Dr. Max Abbott, Director of the Center for Education Policy and Management.

Grant of $5,000 from the Council on Legal Education for Professional Responsibility, Inc., New York City, for "Partial support of the preparation of non-traditional materials to be used in clinical training components to be added to traditional Professional courses in Legal Profession and Evidence," August 1, 1974, through July 31, 1975, under the direction of Dr. Fredric Merrill, Associate Professor and Assistant Dean, School of Law.

Grants totaling $67,813 from the Educational Coordinating Council, Salem, for research projects and other purposes, as follows:

1. $25,741 - "Credit by Examination," April 1, 1974, through June 30, 1975, under the direction of Dr. Robert C. Albrecht, Associate Dean of Liberal Arts.

2. $42,072 - "Faculty Training in Personalized System of Instruction," June 1, 1974, through March 31, 1976, under the direction of Dr. William Sheppard, Assistant Professor of Psychology, and Ms. Jan Newton, Research Associate, Economics.

Gift of a Ritter Model B dental X-ray machine, to be used primarily for the detection of tuberculosis in Old-World Primates, from Dr. Charles G. Hawkins, Portland. The gift is valued at $300.

Grant of $20,152 from the Local Government Relations Division, Salem, "to develop future alternatives for the development of state policies in Oregon," February 1 through May 31, 1974, under the direction of Mr. Kenneth Tollenaar, Director of the Bureau of Governmental Research and Service.

Grants totaling $341,668 from the National Science Foundation, Washington, D. C., for research and other purposes, as follows:

1. $19,268 - "An Implementation Project in Elementary School Science," March 15, 1974, through August 31, 1975, under the direction of Dr. William H. Harris, Associate Professor of Education.

2. $2,500 - "For support of an International Conference on Electron Lifetimes in Metals," March 1, 1974, through February 28, 1975, under the direction of Dr. Douglas H. Lowndes, Assistant Professor of Physics.

3. $95,100 - "Application of Cryogenic Techniques to Problems in Air Pollution," March 1, 1974, through February 28, 1975, under the direction of Dr. Russell J. Donnelly, Professor of Physics.

4. $40,000 - "Electronic Lifetime Anisotropy and Electron-Impurity Interactions in Dilute Metal and Semimetal Alloys," April 1, 1974, through September 30, 1975, under the direction of Dr. Douglas Lowndes, Assistant Professor of Physics.

5. $11,300 - "For support of Undergraduate Research Participation program," March 15, 1974, through May 31, 1975, under the direction of Dr. Thomas W. Koenig, Associate Professor of Chemistry.

6. $80,100 - "Molecular Electronic Spectra: Assignments and Interpretation," March 1, 1974, through August 31, 1976, under the direction of Dr. William T. Simpson, Professor of Chemistry.

7. $59,900 - "Development of Resource Books for Middle School Math Teachers," March 15 through June 30, 1974, under the direction of Dr. Alan R. Hoffer, Associate Professor of Mathematics.
8. $23,800 - "Finite Group Theory and Representation Theory," July 1, 1974, through December 31, 1975, under the direction of Dr. Gary Seitz, Associate Professor of Mathematics; Dr. William Kantor, Associate Professor of Mathematics; and Dr. Charles Curtis, Head of Mathematics.

9. $9,700 - "Rings & Forms," July 1, 1974, through December 31, 1975, under the direction of Dr. David K. Harrison, Professor of Mathematics.

Oregon Dept. of Education
Grant of $21,153.31 from the Oregon Department of Education, Salem, "for completion of Phases I and II of the Career Information Systems project," January 1 through May 15, 1974, under the direction of Dr. Bruce McKinlay, Research Associate in Community Service and Public Affairs.

Portland General Electric Company
Grant of $7,000 from the Portland General Electric Company, Portland, "for archaeological work on the Carty Reservoir and Pebble Springs projects," March 1, 1974, through February 28, 1975, under the direction of Mr. David L. Cole, Curator of the Museum of Natural History.

Student American Pharmaceutical Association
Grant of $1,000 from the Student American Pharmaceutical Association, Washington, D. C., for a project entitled, "Student Professionals Engaged in Education on Drug-SPEED," January 1 through June 30, 1974, under the direction of Dr. Richard G. Schlaadt, Associate Professor of Health Education.

U. S. Atomic Energy Commission
Grant of $102,000 from the U. S. Atomic Energy Commission, Richland, Washington, for research entitled, "Theory of Elementary Particles," June 1, 1974, through May 31, 1975, under the direction of Dr. M. J. Moravcsik, Professor of Physics, Research Associate at the Institute of Theoretical Science.

U. S. Dept. of Health, Education & Welfare
Grants totaling $302,000 from the U. S. Department of Health, Education, and Welfare, Washington, D. C., for research and other purposes, as follows:

1. $52,000 - "Support of participants in NDEA program," September 1, 1974, through August 31, 1975, under the direction of Mr. C. W. Fisk, Assistant to Dean of the Graduate School.

2. $250,000 - "Research and Training Center in Mental Retardation," March 1, 1974, through February 28, 1975, under the direction of Dr. Andrew S. Halpern, Associate Professor of Education.

U. S. Public Health Service
Grants totaling $327,812 from the U. S. Public Health Service, Bethesda, Maryland, for research and other purposes, as follows:

1. $47,579 - "Biomedical Sciences Support Grant," June 1, 1973, through May 31, 1974, under the direction of Dr. Aaron Novick, Dean of the Graduate School.

2. $44,155 - "Regeneration in Nervous Systems," March 1, 1974, through February 28, 1975, under the direction of Dr. Edith A. Maynard, Adjunct Professor of Biology.

3. $12,412 - "Physiology Training Grant," July 1, 1973, through June 30, 1974, under the direction of Dr. Graham Hoyle, Professor of Biology.

4. $6,975 - "Biochemistry Training Program," July 1, 1973, through June 30, 1974, under the direction of Dr. Raymond Wolfe, Professor of Chemistry.

5. $1,450 - "Predoctoral Research Fellowship Award," April 1 through June 30, 1974, under the direction of Dr. James A. Weston, Associate Professor of Biology.

6. $30,934 - "Neural Conditioning and Development," April 1, 1974, through March 31, 1975, under the direction of Dr. John C. Pintress, Associate Professor of Biology and Psychology.

7. $160,509 - "Training program in Molecular Biology," March 1, 1974, through June 30, 1975, under the direction of Dr. Peter H. von Hippel, Director of the Institute of Molecular Biology.
8. $23,798 - "Genetics of Visual Pigments," May 1, 1974, through April 30, 1975, under the direction of Dr. Frederick W. Munz, Professor of Biology.

Gifts to the Library:

Jules Archer
Manuscripts and working files for 6 books, biographies and histories for the young adult reader, from Mr. Jules Archer, Pine Plains, New York. The gift is valued at $950.

Mr. & Mrs. Carroll
The original artwork and manuscript materials for two children's books, from Ruth and Latrobe Carroll, New York City. The gift is valued at $1,100.

Mr. & Mrs. Floethe
Manuscript materials for one novel and one film, Christmas cards, and two published books, from Louise and Richard Floethe, Sarasota, Florida. The gifts are valued at $200.

A. L. Mills
Selections from Mr. Mills' fine library of contemporary non-fiction and economic studies, several art books, and journals and magazines in the field of current events and economics, from Mr. A. L. Mills, Medford. The gift is valued at $172.60.

W. S. Robinson
Professional journals in the fields of sociology and statistics, from Mr. William S. Robinson, Eugene. The gift is valued at $1,139.25.

SHOGAKUKAN
A complete set, 23 volumes of the Japanese encyclopedia, from SHOGAKUKAN, Tokyo, Japan. The gift is valued at $150.

Dr. G. T. Tootell
Correspondence and personal recollections of missionary service in China before and during World War II, from Dr. George T. Tootell, Duarte, California. The gift is valued at $1,450.

Gifts to the Museum of Art:

Mrs. M. M. Clarke
Collage painting on a panel, valued at $120, from Mrs. M. Mark Clarke, Eugene.

Mrs. V. Haseltine
Painting in mixed media by Leo Kenney, from Mrs. Virginia Haseltine; Gearhart. The gift is valued at $1,200.

Mrs. G. P. Hitchcock
One Spanish Lace Scarf, valued at $150, from Mrs. G. P. Hitchcock, Eugene.

Mrs. R. C. Kainen
Free-hanging bronze sculpture by Tom Hardy, from Mrs. Ruth Cole Kainen, Chevy Chase, Maryland. The gift is valued at $500.

University of Oregon Dental School

U. S. Public Health Service
Grants totaling $49,751 from the U. S. Public Health Service, Bethesda, Maryland, for research and other purposes, as follows:

1. $18,634 - "Flouride-Selenium Interaction in Dental Caries," March 1, 1974, through February 28, 1975, under the direction of Dr. Thomas R. Shearer, Assistant Professor of Preventive Dentistry.

2. $12,541 - "Health Professions Scholarships for Dental Students," July 1, 1973, through June 30, 1974, under the direction of Mr. Olvin Moreland, Jr., Director of Student Affairs.

3. $17,064 - "Training grant for Health Professions Special Project Program for Minority Recruitment," July 1, 1973, through June 30, 1974, under the direction of Dr. Cecil K. Claycomb, Professor and Chairman of the Department of Biochemistry.

4. $1,512 - "Training grant for Graduate Pedodontics," July 1, 1973, through June 30, 1974, under the direction of Dr. Donald R. Porter, Chairman of the Pedodontics Department.
University of Oregon Medical School

Scholarships & Fellowships

Gifts totaling $2,468.34 from the following donors for scholarships and fellowships:

- Ralph L. Bosworth Memorial Scholarship, through the Oregon State University Foundation, Corvallis $166.00
- Carpenter Foundation Grant, through Phoenix High School, Phoenix 199.00
- District No. 5, Oregon Nurses Association, Eugene 100.00
- Max C. Fleischmann Foundation, Carson City, Nevada 833.34
- Glendale District No. 4 Women's Auxiliary, Glendale, California 100.00
- Oregon Lung Association, Inc., Portland 250.00
- Oregon State Chapter P.E.O. Sisterhood, Sweet Home 150.00
- Oregon State Society - Daughters of the American Revolution, Portland 170.00
- Burt K. Snyder Educational Foundation, Klamath Falls 300.00
- St. Elizabeth Hospital Auxiliary, Baker 200.00
- American Cancer Society, "for Needy, Blind, Cancer patients from the Ella Munro Burdin Trust Fund," under Oregon Division, the direction of Dr. Kenneth C. Swan, Chairman of Department of Ophthalmology, Inc.
- Good Samaritan Hospital & Medical Center Grant of $500 from Good Samaritan Hospital and Medical Center, Portland, for "Kidney Transplant Research," under the direction of Dr. Clarence V. Hodges, Head of Division of Urology, and Dr. Russell K. Lawson, Associate Professor of Urology.
- Dr. Jon Hanifin Gift of $186.51 from Dr. Jon Hanifin, Portland, for "Unrestricted use for Department of Dermatology," under the direction of Dr. Walter C. Lobitz, Jr., Chairman of Department of Dermatology.
- Kaiser Foundation Hospitals Grant of $40,000 from the Kaiser Foundation Hospitals, Oakland, California, as a permanent endowment for annual awards for excellence in teaching, beginning February 7, 1974, under the direction of Dr. Charles N. Holman, Dean.
- Leukemia Association of Oregon, Inc., Portland, for "Leukemia Association of Oregon Summer Scholarship Program," under the direction of Mr. W. A. Zimmerman, Chairman of Scholarships.
- W. W. Long Gift of $100 from Willis W. Long, Newport, to be used in the "Crippled Children's Division for treatment of Idiopathic Diverticulosis," under the direction of Dr. Victor D. Menashe, Director of Crippled Children's Division.
- McDowell - Catt Foundation Grant of $7,326.80 from the McDowell - Catt Foundation, Albany, "to be used for cancer, polio and other research pertaining to other diseases," under the direction of Dr. Charles N. Holman, Dean.
- National Cystic Fibrosis Research Foundation Grants totaling $18,000 from the National Cystic Fibrosis Research Foundation, Atlanta, Georgia, for research and other purposes, as follows:
  1. $1,000 - "Polyamine Levels in C/F Serum Through Radioimmunoassay," June 1, 1974, through March 15, 1975, under the direction of Dr. Robert A. Campbell, Professor of Pediatrics, and Mr. John C. Morrison, Student Trainee.
  2. $17,000 - "To conduct a Cystic Fibrosis Center for patient care, teaching and research," March 1, 1974, through February 28, 1975, under the direction of Dr. Robert A. Campbell, Professor of Pediatrics.

The Council for Tobacco Research - U. S. A., Inc. Grant of $14,658 from The Council for Tobacco Research - U. S. A., Inc., New York City, for research entitled, "Comparison of Induced Pulmonary Emphysema in Rabbits," January 1 through December 31, 1974, under the direction of Dr. Robert E. Brooks, Associate Professor of Pathology.
National Science Foundation

Grant of $15,000 from the National Science Foundation, Washington, D.C., for research entitled, "Anatomic Study of the Nerve Network of the Auditory Cortex," September 1, 1969, through March 31, 1975, under the direction of Dr. Archie T. Tunturi, Associate Dean for Business Affairs.

New Eyes for the Needy, Inc.

Grants totaling $15,250 from New Eyes for the Needy, Inc., Short Hills, New Jersey, to be used for the following purposes:

1. $15,000 - "Record contributions and authorized expenditures," January 1 through December 31, 1974, under the direction of Dr. Robert P. Burns, Professor of Ophthalmology.

2. $250 - "Purchase of new prescription glasses and artificial eyes for needy patients," under the direction of Miss Gwynn Brice, Assistant Administrator, Outpatient Clinic.

Portland Warehouse and Sales Team, Reliance Electric Co.

Grant of $100 from Portland Warehouse and Sales Team, Reliance Electric Company, Milwaukee, for the "Unrestricted use of Crippled Children's Division," under the direction of Dr. Victor D. Menashe, Director of Crippled Children's Division.

Damon Runyon-Walter Winchell Cancer Fund

Grant of $28,000 from the Damon Runyon-Walter Winchell Cancer Fund, New York City, for research entitled, "The Role of Persistent Infection in Viral Oncogenesis," June 1, 1974, through May 31, 1975, under the direction of Dr. Jules V. Hallum, Professor and Chairman of Microbiology.

Schering Corporation

Grant of $2,250 from the Schering Corporation, Bloomfield, New Jersey, for a research project for comparative ototoxicity studies," beginning March 1, 1974, under the direction of Dr. Robert E. Brummett, Assistant Professor of Otolaryngology.

The Upjohn Company

Grant of $10,000 from The Upjohn Company, Kalamazoo, Michigan, "In support of microbiological research studies," beginning February 1, 1974, under the direction of Dr. Gerrie A. Leslie, Associate Professor of Microbiology.

U. S. Dept. of Health, Education & Welfare

Grant of $71,434 from the U. S. Department of Health, Education, and Welfare, Health Services Administration, Rockville, Maryland, for a research project entitled, "Cost and Utilization Patterns of Rehabilitative Service," May 1, 1974, through April 30, 1975, under the direction of Dr. David W. MacFarlane, Associate Professor of Pediatrics and Crippled Children's Division.

U. S. Public Health Service

Grants totaling $1,286,060 from the U. S. Public Health Service, Bethesda, Maryland, for research, training programs, student loans, and other purposes, as follows:

1. $194,675 - "In further support of the General Research Support Grant," January 1 through December 31, 1974, under the direction of Dr. Charles N. Holman, Dean.

2. $167,598 - "In further support of the General Research Support Grant," January 1 through December 31, 1973, under the direction of Dr. Charles N. Holman, Dean.

3. $25,234 - "Telemetered E. E. G., Behavior and Mental State," January 1 through December 31, 1974, under the direction of Dr. Janice R. Stevens, Professor of Neurology.

4. $20,053 - "Conviction and Diffusion in the Vertebrate Embryo," January 1 through December 31, 1974, under the direction of Dr. J. Job Faber, Associate Professor of Physiology.

5. $55,687 - "Effects of Long Term Narcotic Antagonist Therapy," January 31 through July 31, 1974, under the direction of Dr. Samuel Irwin, Professor of Pharmacology in Psychiatry.

6. $61,335 - "Studies in Cryobiology," January 1 through December 31, 1974, under the direction of Dr. Stanley W. Jacob, Associate Professor of Surgery.
7. $31,551 - "Control of Toxin Production in Viral-Infected Cells," January 1 through December 31, 1974, under the direction of Dr. Barbara Iglowksi, Assistant Professor of Microbiology.

8. $3,000 - "Smoking and Chronic Airways Obstruction," September 1, 1972, through August 31, 1974, under the direction of Dr. Benjamin B. Ross, Professor of Physiology.

9. $93,112 - "Neuroendocrine and Thyroid Physiology," April 1, 1974, through March 31, 1976, under the direction of Dr. Monte A. Greer, Professor and Head, Division of Endocrinology.

10. $36,568 - "Immunosuppressant Effects of Sedative Hypnotic Drugs," March 1, 1974, through February 28, 1975, under the direction of Dr. John D. Gabourel, Professor of Pharmacology.

11. $74,054 - "In further support of a graduate training program in Surgery," July 1, 1974, through June 30, 1975, under the direction of Dr. Albert Starr, Professor and Head, Division of Cardiopulmonary Surgery.

12. $1,169 - "Studies in Breeding Large Animals for Medical Research," January 1 through December 31, 1974, under the direction of Dr. William S. Fletcher, Professor of Surgery.

13. $94,400 - "Central Oncology Group," February 1, 1974, through January 31, 1975, under the direction of Dr. William S. Fletcher, Professor of Surgery.

14. $111,122 - "In further support of the Nursing Capitation Grant Program," July 1, 1973, through June 30, 1974, under the direction of Dean Jean E. Boyle, School of Nursing.

15. $32,976 - "In support of a student loan fund for medical students only," July 1, 1973, through June 30, 1974, under the direction of M. R. Parelius, Business Manager.

16. $11,149 - "In further support of Nursing Loans," July 1, 1973, through June 30, 1974, under the direction of M. R. Parelius, Business Manager.

17. $586 - "In support of graduate Nursing Loans," July 1, 1973, through June 30, 1974, under the direction of M. R. Parelius, Business Manager.

18. $17,090 - "In further support of a graduate training program in Physiology," July 1, 1973, through June 30, 1974, under the direction of Dr. John M. Brookhart, Professor and Chairman, Department of Physiology.

19. $30,565 - "Modulation of Immunity to Group Streptococci," May 1, 1974, through April 31, 1975, under the direction of Dr. Gerrie A. Leslie, Associate Professor of Microbiology.

20. $9,277 - "In further support of a graduate training program in Otolaryngology," July 1, 1973, through June 30, 1974, under the direction of Dr. David D. DeWeese, Professor and Chairman, Department of Otolaryngology.

21. $22,780 - "Tilt Effects on Orientation Selectivity of Visual Cells," February 1, 1974, through January 31, 1975, under the direction of Dr. D. Duane Denney, Associate Professor of Psychiatry.

22. $20,609 - "A Study of the Excitatory Effects of Barbiturates," February 1, 1974, through January 31, 1975, under the direction of Dr. Hall Downes, Assistant Professor of Pharmacology.

23. $37,667 - "Health Professions Special Projects Grant Program in Family Practice," July 1, 1973, through June 30, 1974, under the direction of Dr. Laurel G. Case, Associate Professor and Head, Division of Family Practice.
24. $81,324 - "Amino Acid Metabolism and Aromatic Amines," April 1, 1974, through March 31, 1975, under the direction of Dr. Jack H. Fellman, Professor of Biochemistry.

25. $63,479 - "Western Cooperative Cancer Chemotherapy Group," February 1, 1974, through January 31, 1975, under the direction of Dr. James W. Limman, Professor of Medicine and Dermatology.

VFV Central Oregon Junior Rodeo Grant of $351.52 from the VFV Central Oregon Junior Rodeo, Redmond, for the "Unrestricted use of Crippled Children's Division," under the direction of Dr. Victor Menashe, Director of Crippled Children's Division.

Estate of D. K. Wheeler Gift of $1,011 from the Estate of Della K. Wheeler, Portland, "To record income and expenditures for general research purposes within the area of stroke research," beginning March 1, 1974, under the direction of Mr. John G. Doerfler, Director of Research Services.

Gifts to the Library: Gifts to the University of Oregon Medical School Library from various donors, as follows:

Mrs. D. Barrett Gift of $166.67 from Mrs. Dorothy Barrett, Milwaukie, "to purchase Acupuncture books."

Mrs. M. Turner Gift of $333.33 from Mrs. Mary Turner, Lake Oswego, "to purchase Acupuncture books."

Portland State University

Scholarships & Fellowships Gifts totaling $6,363 from the following donors for scholarships and fellowships:

<table>
<thead>
<tr>
<th>Donor</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Banks High School Mom and Dad's Club, Banks</td>
<td>$150.00</td>
</tr>
<tr>
<td>Bureau of Indian Affairs, Anadarko, Oklahoma</td>
<td>$479.00</td>
</tr>
<tr>
<td>Bureau of Indian Affairs - Colville Indian Agency, Nespelem, Washington</td>
<td>$330.00</td>
</tr>
<tr>
<td>Carpenter Foundation, through Medford Senior High School, Medford</td>
<td>$133.00</td>
</tr>
<tr>
<td>College Entrance Examination Board, New York City</td>
<td>$289.00</td>
</tr>
<tr>
<td>Confederated Tribes of the Umatilla Indian Reservation, Pendleton</td>
<td>$289.00</td>
</tr>
<tr>
<td>Distributive Education Clubs of America (DECA), Falls Church, Virginia</td>
<td>$150.00</td>
</tr>
<tr>
<td>Georgia Pacific Foundation, Portland</td>
<td>$250.00</td>
</tr>
<tr>
<td>Jefferson High School, Portland</td>
<td>$334.00</td>
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<tr>
<td>Pacific University, Forest Grove</td>
<td>$184.00</td>
</tr>
<tr>
<td>Scott Paper Company, Philadelphia, Pennsylvania</td>
<td>$100.00</td>
</tr>
<tr>
<td>Tillamook High School, Tillamook</td>
<td>$100.00</td>
</tr>
<tr>
<td>U.S. National Bank of Oregon, Portland</td>
<td>$3,083.00</td>
</tr>
<tr>
<td>Mrs. Esther C. Vail, Vancouver, Washington</td>
<td>$300.00</td>
</tr>
<tr>
<td>Yakima Indian Nation, Toppenish, Washington</td>
<td>$200.00</td>
</tr>
</tbody>
</table>

David Douglas Public Schools Grants totaling $1,661 from the David Douglas Public Schools, Portland, to enroll participants in or conduct classes, as follows:

1. $650 - "Ed 507, Career Education for Practicing Teachers Middle School," January 1 through March 31, 1974, under the direction of Dr. Allen Lee, Visiting Professor of Career Education.

2. $1,011 - "Ed 507, Career Awareness for Elementary Teachers," January 1 through March 31, 1974, under the direction of Dr. Allen Lee, Visiting Professor of Career Education.

Estate of George Friede Gift of a water color by Simonetti, from the Estate of George Friede, Portland. The gift is valued at $200.
<table>
<thead>
<tr>
<th>Organization</th>
<th>Grant Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gladstone School District No. 115</td>
<td>Grant of $1,011 for a course entitled, &quot;Implementing Career Education - Content, Roles, and Responsibilities,&quot; January 1 through March 31, 1974, under the direction of Dr. Allen Lee, Visiting Professor of Career Education.</td>
</tr>
<tr>
<td>National Institute of Environmental Health Science, Research Triangle Park, North Carolina</td>
<td>Grant of $24,614 for research that will &quot;attempt to measure the effects of pesticides on electrical characteristics of lipid membranes,&quot; April 1, 1974, through March 31, 1975, under the direction of Dr. Pavel Smejtek, Assistant Professor of Physics.</td>
</tr>
<tr>
<td>Oregon State Program on Aging, Salem</td>
<td>Grant of $115.58 for the present project years travel budget,&quot; October 1, 1973, through September 30, 1974, under the direction of Dr. James F. Maurer, Associate Professor of Speech.</td>
</tr>
<tr>
<td>Pacific Northwest Bell</td>
<td>Grants totaling $325 for the &quot;Black Cultural Affairs Board - Educational Activities,&quot; July 1, 1973, through June 30, 1974, under the direction of Mr. Howard Dahlstrom, Administrative Officer of Educational Activities.</td>
</tr>
<tr>
<td>Portland Public Schools, School District #1</td>
<td>Grant of $552 for enrollment in a course entitled, &quot;Ed 507 Seminar, Inquiry Procedures,&quot; January 1 through March 31, 1974, under the direction of Dr. Allen Spanjer, Coordinator of Supervised Teaching.</td>
</tr>
<tr>
<td>Portland State University Foundation</td>
<td>Grant of $500 to establish a loan fund for authorized students in the Operation Plus Program,&quot; under the direction of Dr. Richard Streeter, Director of Financial Aid.</td>
</tr>
<tr>
<td>Seattle Atlantic Street Center</td>
<td>Grant of $10,000 for evaluation and technical assistances to the Seattle Project for Asian-Americans,&quot; November 1, 1973, through October 31, 1974, under the direction of Dr. Arthur C. Emlen, Co-Director Regional Research Institute.</td>
</tr>
<tr>
<td>Small Business Administration</td>
<td>Grant of $10,500 for the &quot;PSU School of Business to provide management counseling and technical assistance to small business concerns,&quot; September 15, 1973, through June 30, 1974, under the direction of Dr. Donald Parker, Dean of School of Business Administration.</td>
</tr>
<tr>
<td>U. S. Veterans Administration</td>
<td>Grant of $19,524 for services provided by Portland State University relating to vocational counseling of veterans,&quot; August 15, 1973, through June 30, 1974, under the direction of Dr. Robert Smith, Associate Professor, Counselor.</td>
</tr>
<tr>
<td>Portland State University Library</td>
<td>Gifts to the Portland State University Library from various donors, as follows:</td>
</tr>
<tr>
<td>Mr. P. Austin</td>
<td>Ninety-seven periodical volumes in the areas of agriculture, business administration and engineering, from Mr. Philip Austin, Portland. The gift is valued at $992.</td>
</tr>
<tr>
<td>Mr. W. Bolcum</td>
<td>Holographic copies of two musical scores, from Mr. William Bolcum, Ann Arbor, Michigan. The gift is valued at $150.</td>
</tr>
</tbody>
</table>
The Federal Republic of Germany

One hundred six German language monographs in the area of the humanities, from The Federal Republic of Germany, Seattle, Washington. The gift is valued at $1,700.

Professor G. C. Timmons, Jr.

One hundred seven volumes in the areas of educational administration and teaching, from Professor George C. Timmons, Jr., Portland. The gift is valued at $205.

Mrs. S. Victors

Eighty-four volumes in the field of health and physical education, from Mrs. Stanley Victors, Cannon Beach. The gift is valued at $138.

Portland Summer Gifts

Gifts totaling $2,725 from various donors for the Portland Summer Concerts, as follows:

<table>
<thead>
<tr>
<th>Donor</th>
<th>Amount ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mrs. Margaret M. Cabell, Portland</td>
<td>100.00</td>
</tr>
<tr>
<td>Mrs. Henry L. Corbett, Sr., Portland</td>
<td>500.00</td>
</tr>
<tr>
<td>Mr. Robert N. Ellis, Jr., Portland</td>
<td>100.00</td>
</tr>
<tr>
<td>Mrs. Paul (Edith) Feldenheimer, Portland</td>
<td>1,000.00</td>
</tr>
<tr>
<td>Mr. and Mrs. Edward C. Hoyde, Vancouver, Washington</td>
<td>250.00</td>
</tr>
<tr>
<td>Ms. Margaret A. Slade, Portland</td>
<td>250.00</td>
</tr>
<tr>
<td>Mrs. Mary Auslind Toose, Portland</td>
<td>150.00</td>
</tr>
<tr>
<td>Mrs. Marion W. Vester, Lake Oswego</td>
<td>125.00</td>
</tr>
<tr>
<td>Mr. Charles E. P. Wright, Portland</td>
<td>250.00</td>
</tr>
</tbody>
</table>

National Science Foundation

Grant of $78,234 from the National Science Foundation, Washington, D. C., "To provide an eight week summer institute to train forty master secondary teachers in Sociology of Race Relations," March 1, 1974, through August 31, 1975, under the direction of Dr. Helen Redbird-Selam, Professor of Social Science.

Oregon Museum of Science and Industry

Grant of $992 from the Oregon Museum of Science and Industry, Portland, for field classes entitled, "Natural History of the Three Sisters Wilderness," February 8 through August 31, 1974, under the direction of Dr. Ray Brodersen, Professor of Geology.

Oregon Vocational Rehabilitation Div.

Grant of $397.38 from the Oregon Vocational Rehabilitation Division, Salem, "To provide 3 four-hour workshop sessions for the purpose of providing specialized training for certain Vocational Rehabilitation staff in improving services for the deaf client," March 25 through June 30, 1974, under the direction of Dr. Richard Walker, Associate Professor of Education.

S and H Foundation, Inc.

Grant of $1,920 from the S and H Foundation, Inc., New York City, "To present a Symposium: 'Censorship and the First Amendment' for students and the general public," under the direction of Dr. David Wallace, Coordinator of Special Programs.

State Law Enforcement Planning Agency

Grant of $10,000 from the State Law Enforcement Planning Agency, Salem, "To fund 5 sentencing institutes for the Oregon Judiciary and the distribution of the new sentencing manual." November 15, 1973, through November 15, 1974, under the direction of Dr. Ernest Ogard, Associate Professor of Social Science.

Woodburn School District 103C


Southern Oregon College

Scholarships & Fellowships

Gifts totaling $13,310.34 from the following donors for scholarships and fellowships:

<table>
<thead>
<tr>
<th>Donor</th>
<th>Amount ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ashland Community Hospital Auxiliary, Ashland</td>
<td>200.00</td>
</tr>
<tr>
<td>Baseball, Office of the Commissioner, New York City</td>
<td>235.33</td>
</tr>
<tr>
<td>Bureau of Indian Affairs, Central California Agency, Denver, Colorado</td>
<td>401.00</td>
</tr>
<tr>
<td>Carpenter Foundation, through Ashland School District #5, Ashland</td>
<td>1,691.00</td>
</tr>
</tbody>
</table>
Carpenter Foundation, through Medford Senior High School, Medford $ 795.00
Carpenter Scholarships, through Phoenix High School, Phoenix 962.00
Carpenter Scholarships, through School District #6, Central Point 1,596.00
Crater High School, Central Point 114.00
Delta Kappa Gamma Society, Medford 150.00
D N & L Associates, Inc., San Fernando, California 800.00
Elks National Foundation, Chicago, Illinois 1,200.00
First Presbyterian Church, Ashland 120.00
Grants Pass Public Schools, District #7, Grants Pass 633.34
The Kamehameha Schools Parent-Teacher Association Candy Sales Fund, Honolulu, Hawaii 267.00
Lions Club of Ashland, Ashland 200.00
Mildred Litster Scholarship Trust, through the U. S. National Bank of Oregon, Medford 366.67
Medford Senior High School, Medford 855.00
Miss Rogue Valley Pageant Scholarship Foundation, Ashland 500.00
The National Secretaries Association, Medford 200.00
Oregon Shakespearean Festival, Ashland 183.00
Rogue Valley Physicians Service, Medford 245.00
Treasury of the U. S., Oklahoma Bureau of Indian Affairs, Denver, Colorado 500.00
Woman's Auxiliary to the Jackson County Medical Society, Medford 185.00
Work/College Tuition Scholarship Program, through the U. S. National Bank of Oregon, Portland 915.00

**Eastern Oregon State College**

<table>
<thead>
<tr>
<th>Scholarships &amp; Fellowships</th>
<th>Gifts totaling $7,559.66 from the following donors for scholarships and fellowships:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baker County School District 30J, Baker</td>
<td>$ 475.00</td>
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<tr>
<td>Bureau of Indian Affairs, Tribal Education Board, Umatilla Agency, Pendleton</td>
<td>200.00</td>
</tr>
<tr>
<td>Bureau of Indian Affairs, Northern Idaho Agency, Lapwai, Idaho</td>
<td>2,581.00</td>
</tr>
<tr>
<td>Bureau of Indian Affairs, Yakima Agency, Toppenish, Washington</td>
<td>1,000.00</td>
</tr>
<tr>
<td>Bureau of Indian Affairs, Juneau Area Office, Juneau, Alaska</td>
<td>300.00</td>
</tr>
<tr>
<td>Columbia Power Co-Op Association, Monument</td>
<td>166.66</td>
</tr>
<tr>
<td>Daughters of the American Revolution, Portland</td>
<td>183.00</td>
</tr>
<tr>
<td>Delta Kappa Gamma, Pendleton</td>
<td>183.00</td>
</tr>
<tr>
<td>Georgia-Pacific Foundation, Portland</td>
<td>250.00</td>
</tr>
<tr>
<td>Hokies Pizza, Hillsboro</td>
<td>150.00</td>
</tr>
<tr>
<td>Medford High School, Medford</td>
<td>133.00</td>
</tr>
<tr>
<td>Mrs. Pamela Williams Neely, Tiburon, California</td>
<td>100.00</td>
</tr>
<tr>
<td>Oregon Congress of Parents and Teachers, Portland</td>
<td>498.00</td>
</tr>
<tr>
<td>Soroptimist Club of Baker, Baker</td>
<td>450.00</td>
</tr>
<tr>
<td>Soroptimist Club, La Grande</td>
<td>158.00</td>
</tr>
<tr>
<td>U. S. National Bank of Oregon, Portland</td>
<td>732.00</td>
</tr>
</tbody>
</table>

**Oregon Arts Commission**

Grant of $277 from the Oregon Arts Commission, Salem, "To provide supplemental funds to support a literary contest among high school, community college and EOSC students, and to provide some of the publication costs for the literary work generated," September 1, 1973, through June 30, 1974, under the direction of Mr. George A. Venn, Instructor in English.

**U. S. Dept. of Health, Education & Welfare**

Grant of $7,557.20 from the U. S. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., "To provide funds for a Veterans Service Officer and staff," March 1 through June 30, 1974, under the direction of Dr. Howard A. Anderson, Associate Professor, Financial Aids Officer.
Oregon Institute of Technology

Scholarships & Fellowships

Gifts totaling $4,999 from the following donors for scholarships and fellowships:

- Bank of Commerce of Milton Freewater, Milton-Freewater: $200.00
- Building Trades Class at Pacific High School, Port Orford: $150.00
- Carnation Company, through the Seattle First National Bank, Seattle, Washington: $420.00
- Carpenter Foundation, through Medford Senior High School, Medford: $532.00
- Carpenter Foundation, through School District #6, Central Point: $166.00
- Carpenter Foundation Grant, through Phoenix High School, Phoenix: $100.00
- College Entrance Examination Board, New York City: $516.00
- Chet Hamaker Scholarship, Klamath Falls: $100.00
- Hui-O-Hawaii Club, Klamath Falls: $200.00
- Linkville Kiwanis Club, Klamath Falls: $183.00
- Medford Rotary, Medford: $442.00
- Mountain View Hospital Auxiliary, Madras: $250.00
- OIT Faculty Wives, Klamath Falls: $200.00
- Rogue Valley Physicians' Service, Medford: $500.00
- Sons of Italy Scholarship, San Francisco, California: $200.00
- Juliette A. Southard Scholarship, Chicago, Illinois: $125.00
- Southern Oregon Plywood, Grants Pass: $200.00
- Ralph W. Stearns Memorial Scholarship, through Presbyterian Intercommunity Hospital, Klamath Falls: $200.00
- Joe B. Underwood Scholarship Fund, Chardon, Ohio: $315.00

Diablo Systems

Gifts of two Hytype 1 printers, and three Series 30 disk drives less spindles, from Diablo Systems, Hayward, California. The gift is valued at $30,900.

State Law Enforcement Planning Agency

Gift of law books to start a law reference library at Oregon Institute of Technology, from the State Law Enforcement Planning Agency, Salem. The gift is valued at $700.

U. S. Dept. of Health, Education & Welfare


Oregon Educational and Public Broadcasting Service

Oregon Badminton Association

Grant of $100 from the Oregon Badminton Association, Portland, "To assist in underwriting costs incurred in televising 1974 U. S. National (badminton)," under the direction of Dr. Donald Bryant, Director.

White Stag Manufacturing Company

Grant of $100 from the White Stag Manufacturing Company, Portland, "To assist in underwriting costs incurred in televising 1974 U. S. National (badminton)," under the direction of Dr. Donald Bryant, Director.

Division of Continuing Education

Oregon Traffic Safety Commission

Grant of $17,000 from the Oregon Traffic Safety Commission, Salem, "To conduct a program designed to provide city, county, and state agencies, as well as private agency personnel with an increasingly practical understanding of traffic safety concepts," November 1, 1973, through June 30, 1974, under the direction of Dr. William Beck, Associate Professor.

Society of Real Estate Appraisers

Grant of $825 from the Society of Real Estate Appraisers, Portland, for "an unrestricted gift," under the direction of Dr. Robert A. Nicholas, Associate Director.
### Teaching Research Division

- **Oregon State School for the Deaf**
  - Grant of $21,836 from the Oregon State School for the Deaf, Salem, to "Provide Training and Technical Assistance for four teachers and supervisor at OSSD in areas of behavior modification, management and individualized curriculums," October 20, 1973, through July 1, 1974, under the direction of Dr. John McDonnell, Assistant Research Professor - Project Director.

- **U. S. Dept. of Health, Education & Welfare**

### Centralized Activities

- **Corporation for Public Broadcasting**
  - Grant of $91,800 from the Corporation for Public Broadcasting, Washington, D. C., for a developmental grant to increase radio broadcasting hours and funds for developmental projects, July 1, 1973, through June 30, 1975, under the direction of Dr. Donald Bryant, Director; Mr. Bob Mundt,KOAC Station Manager; Mr. William McGrath, KOAP Station Manager; Mr. Tom Doggett, Programming Director; and Mr. Luke Roberts, State of Oregon Director.
Personnel Adjustments & Appointments

It was recommended that the following personnel adjustments and appointments as submitted by the Institutional Executives concerned be approved, the necessary funds being provided in the 1973-74 budgets, or as indicated. Unless otherwise stated, appointments and adjustments in salary, rank, title, and months of service are effective April 1, 1974. The Board approved the recommendation as presented.

<table>
<thead>
<tr>
<th>Budgeted, Name, Rank and/or Title, Department</th>
<th>No. of Service</th>
<th>1972-73</th>
<th>1973-74 Recommended</th>
<th>1973-74 Salary Rate</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oregon State University</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bert Guy Wilcox, Associate Professor, Basic Education Extension Program in Counties</td>
<td>12</td>
<td>$14,952</td>
<td>$14,952</td>
<td>$16,812 Budget (Increased responsibilities; effective March 15, 1974.)</td>
<td></td>
</tr>
<tr>
<td>H. H. Stoevener, Professor of Agriculture</td>
<td>12</td>
<td>19,607</td>
<td>20,783</td>
<td>24,500 Budget (To retain his services and in recognition of outstanding service.)</td>
<td></td>
</tr>
<tr>
<td>Larry S. Slotta, Professor of Civil Engineering</td>
<td>12</td>
<td>18,864</td>
<td>20,976</td>
<td>22,176 Budget (To retain his services and in recognition of outstanding service.)</td>
<td></td>
</tr>
<tr>
<td>Frank D. Schaumburg, Chairman, Department of Civil Engineering</td>
<td>12</td>
<td>22,008</td>
<td>24,000</td>
<td>25,500 Budget (In recognition of outstanding service.)</td>
<td></td>
</tr>
<tr>
<td>John L. Fryer, Professor of Microbiology</td>
<td>12</td>
<td>16,983</td>
<td>18,364</td>
<td>22,524 Budget (To retain his services and in recognition of outstanding service.)</td>
<td></td>
</tr>
<tr>
<td>University of Oregon</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marvin D. Girardeau, Professor of Physics, Research Associate, Department Head</td>
<td>9</td>
<td>17,560</td>
<td>18,160</td>
<td>18,860 Budget (Appointment as Department Head of Physics; effective March 12, 1974.)</td>
<td></td>
</tr>
<tr>
<td>Donald M. Lee, Assistant Director of Housing with the rank of Assistant Professor</td>
<td>12</td>
<td>11,760</td>
<td>12,360</td>
<td>15,828 Budget (Appointment as Assistant Director of Housing; effective February 1, 1974.)</td>
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### University of Oregon Medical School

William M. Clark, Jr., Professor, Acting Chairman of Pediatrics

Janice R. Stevens, Professor of Neurology

Jan Chamberlin, Research Assistant in Crippled Children's Division

Daniel Udofa, Research Assistant in Psychiatry

Patricia K. Steen, Research Assistant in Chest Diseases

Sophia N. C. Fegan, Research Assistant in Microbiology

Susan E. Greer, Research Assistant in Endocrinology

Gordon H. Davies, Research Associate, Pharmacology

Patricia L. Panton, Research Assistant, Endocrinology

Hitoshi Fukuda, Research Associate, Endocrinology

Rosemary Milbeck, Research Assistant, Medical Genetics

Douglas J. Hepburn, Research Assistant, Medical Genetics

Catherine Olson, Research Assistant, Medical Genetics

**Portland State University**

Larry J. Sellers, Assistant Professor, Sports Information Director

---

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President Layman announced that the next regular meeting of the Board would be held on Tuesday, July 23, 1974, at Portland State University.

Meetings of the Board's Committees will be held on June 25-26, 1974, on the campus of Southern Oregon College.

At 4:00 P.M., upon motion by Mr. Mosser, President Layman adjourned the meeting until Wednesday, June 26, 1974, on which date the Board will reconvene at 11:30 A.M. in the Ballroom of the Britt Student Center, Southern Oregon College, Ashland, Oregon.
APPENDIX

SUPPLEMENT A--Tentative Listing, by Institution, of Capital Construction Requests for 1975-1977 and related information

SUPPLEMENT B--A Report on Retrenchment at OCE
SUPPLEMENT A
OREGON STATE BOARD OF HIGHER EDUCATION

Description of Items within
Tentative Listing, by Institution, of Capital Construction
Requests for 1975-1977

Eastern Oregon State College
1. Safety Deficiency Correction Program, Phase I $ 62,470

In cooperation with representatives of the Workmen's Compensation Board, the State
Fire Marshal's office, the Building Codes Division of the Department of Commerce and local
jurisdictional authorities, a program has been formulated for the correction of unsafe
conditions throughout the State System of Higher Education. A summary listing of items
proposed for Phase I, covering the 1975-1977 biennium, is attached.

Oregon College of Education
1. Safety Deficiency Correction Program, Phase I $ 117,290

See attached listing.

Oregon State University
1. Safety Deficiency Correction Program, Phase I $1,250,150

See attached listing.
2. Withycombe Hall and Farm Crops Building Remodel $1,950,000

This proposed project, which was supported by the Board for consideration at the 1973
Legislative Session and again at the 1974 Special Session, consists of remodeling the
vacated dairy products laboratory within Withycombe Hall to provide instructional labora­
tories, offices and research facilities for Agronomic Crop Science, Animal Science and
Food Science Departments. The small Farm Crops Building nearby would be remodeled into
offices, laboratories and shops for Agricultural Engineering and the Agricultural
Research Service.

Upon completion of this project, the old Ag Utilities Barn, which is a serious fire
threat to adjacent buildings (such as Nash Hall), would be demolished.

3. Chemistry Addition and Gilbert Hall Renovation $3,600,000

The Chemistry Department now is assigned about 60,000 square feet whereas the Board's
teaching laboratory standards, combined with recommended research laboratory space,
indicate a need for about 82,500 square feet. The proposed addition is planned for
teaching laboratories and their associated facilities which would allow the Department to
reinstitute laboratory instruction for beginning general chemistry courses eliminated due
to lack of space. Locating such laboratories in a new structure would reduce the total
cost of renovating the ventilation and plumbing systems within Gilbert Hall which, along
with inadequate storage and other deficiencies, constitute major safety hazards. (The
Safety Deficiency Corrections within Gilbert Hall are estimated to be $803,920 for Phase II
and $345,000 for Phase III.)

The estimated project cost excludes approximately $70,000 for items included under
Priority No. 1, Safety Deficiency Correction Program, Phase I.

4. Electrical and Steam Distribution Improvements $ 550,000

The proposed electrical distribution improvement is a continuation of the project
funded by the 1973 Legislature and would include two 20.8kV dual feeder mains and asso­
ciated switch gear as well as undergrounding the west campus electrical distribution
4. Electrical and Steam Distribution Improvements (continued)

system. The steam improvement consists of providing a parallel steam line along Jefferson Avenue to improve steam distribution and increase steam flow at remote points.

5. Marine Science Center Library and Laboratory Addition $690,000

The Board approved this project for inclusion in the capital construction requests for 1973-1975. The addition would contain approximately 15,480 square feet and would provide library, instructional laboratory and related facilities needed at the Yaquina Bay Marine Science Center, Newport.

6. Student Union Facilities $2,255,000

This project proposes remodeling the approximately 90,730 square feet of Snell Hall and former Snell Hall Cafeteria into suitable quarters for various student activities and organizations now accommodated within the Memorial Union Building. Intrafund transfers would also be required to compensate the residence hall program for the value of the building consistent with policies adopted by the Board.

The estimated costs include $40,000 for safety deficiency corrections within the Memorial Union Building.

7. Dairy Center Feed Barn $110,000

This building, containing about 11,520 square feet, would serve primarily as a shelter for forage, replacing the loft area of a barn destroyed by fire in 1967.

8. Kidder Hall Remodel $265,000

This proposal is for remodeling approximately 9,600 square feet that is now inefficiently used and inadequately heated and ventilated. It would provide facilities for TV production and evaluation and office space for faculty and mathematics graduate assistants now housed in the area.

9. Oceanography Addition $1,070,000

A 22,000 square foot addition to the Oceanography building, to be financed through gifts and grants, is proposed to house the expanding activity in this area.

Southern Oregon College

1. Safety Deficiency Correction Program, Phase I $111,600

See attached listing.

2. Utility Support (Plant Interconnection & Chilling) $975,000

It is proposed to interconnect the north and south utility plants for greater heating efficiency, especially at low loads, and to use some of the chilling capacity at the south plant for buildings on the north campus, thus allowing the replacement of small air conditioning units. The work would also include improvements for storm drainage and electrical service as well as a pedestrian underpass under Siskiyou Boulevard. Central chilling capability would be increased by constructing a chilled water storage tank near the south campus utility plant. This would allow the existing chillers to cool water at low loads. The added chilling capacity and the utilization of additional heating capacity at the north plant would service new and remodeled buildings and would permit more efficient operation of existing facilities.
Meeting #416-147

Page Three

Description of Items within Tentative Listing, by Institution, of Capital Construction Requests for 1975-1977

3. Drama Laboratory (Theater) $2,100,000

   The proposed Drama Laboratory would be financed from gifts and grants and would include, in addition to the performance area and the necessary production support areas, theater seating for 400-600 people and lobby space within a total of about 31,000 square feet. The facility would support the drama program, replacing the performance use of Mulkey Auditorium which is located on the 2nd floor of Churchill Hall, a wood-framed structure that is less than desirable when considering exiting and safety provisions.

4. Susanne Homes Hall Remodeling (Art) $1,730,000

   Susanne Homes Hall, a residence hall containing approximately 39,163 square feet, would be rededicated for educational and general use as a facility for all Art department activities which are now housed in three separate campus buildings. The project would anticipate fairly extensive remodeling, including provision for kiln rooms, fume and dust collection systems, meeting the requirements of the various codes and eliminating hazards which exist in the facilities currently being used for Art.

   The estimated cost of the project excludes any requirement for an interfund transfer upon the rededication of the residence hall to instructional use.

5. Siskiyou Commons Addition and Remodeling (Administration) $1,370,000

   The fairly extensive remodeling of the existing Siskiyou Commons, which contains a gross area of approximately 18,827 square feet, and the proposed addition of about 7,700 square feet would require the rededication of the building from housing food service use to the educational and general plant. The facility would provide more adequate accommodations for all of the administrative and business functions of the College which are now located primarily in Churchill Hall.

   The estimated cost of the project excludes any requirement for an interfund transfer upon rededication of the facilities.

6. Physical Education Activity Areas $155,000

   In order to develop additional activity areas needed as a result of the increased emphasis on women's physical education activities and intramural programs, a number of houses would be cleared from the physical education area at the corner of Webster and Walker Streets on the north campus and the property would be improved for this purpose.

7. Grandstand $430,000

   The proposed grandstand facility, which would be located at the football field and is expected to serve the recreation program as well as the athletic program, anticipates that $180,000 would be financed from resources available for auxiliary enterprises (Article XI-F(1) bonds and/or commingled student building fees) and the remainder would be financed from gifts and grants.

8. Utility Support (Oil Storage) $640,000

   To permit heating plant operation for approximately 30 days without oil resupply when natural gas service is interrupted, it is proposed that additional oil storage capacity be installed.

University of Oregon

1. Safety Deficiency Correction Program, Phase I $1,527,080

   See attached listing.
Description of Items within Tentative Listing, by Institution, of Capital Construction Requests for 1975-1977

2. Remodeling of Various Campus Buildings $1,560,000

   The proposed project previously has been supported by the Board for inclusion within the 1973-1975 capital construction requests and for presentation to the 1974 Special Legislative Session. It includes the remodeling of several buildings (Commonwealth, Condon, Fenton, Friendly, Gerlinger, Hendricks, Johnson, Men's Physical Education, Science Buildings and Villard) to facilitate reallocation of space on a long-range "best use" plan developed in conjunction with the current Straub Hall conversion to educational and general use. The moves are expected to be permanent and the space allocated and remodeled must be compatible with departmental requirements. Among other improvements, provision will be made for the physically handicapped.

   The indicated estimate for the total project cost excludes $380,000 for items of work contemplated under Priority No. 1, Safety Deficiency Corrections Program, Phase I.

3. School of Music Additions and Alterations $1,455,000

   The proposed addition and alterations for the School of Music would provide approximately 25,000 new square feet and the remodeling of about 2,000 square feet for laboratory and rehearsal spaces, studio-offices, practice rooms and ancillary service areas for existing educational programs.

4. Utility Improvements $1,290,000

   a. Pollution Controls, estimated to cost $415,000, would include an air scrubber for the three small boilers located in the central heating plant. The scrubber would reduce particulate matter from the exhaust gases and allow the boilers to operate at a greater capacity within air quality regulations.

   b. Electrical Hazards Correction, Phase II, (estimated to cost $535,000) would be a continuation of Phase I and would include the extension of the dual radial electrical service feeders, the replacement of about 30 transformers, and the purchase and installation of associated gear.

   c. Chilled Water Improvements, estimated to cost $340,000, anticipates adding about 1,250 tons of capacity to the existing system. The present connected cooling load now exceeds the capacity of the existing chillers and a portion of the demand cannot be met. An engineering study will determine the relative merits of constructing a chilled water storage tank or installing additional chillers.

5. College of Education Addition and Alterations $1,625,000

   The capital outlay request for the College of Education is to house existing programs as an addition to rather than as a replacement of rented space. It is anticipated that the addition would contain about 27,000 net assignable square feet, including 16,000 square feet for offices and seminar rooms, 4,500 square feet for research and 6,500 square feet for grant programs, the latter replacing the temporary facilities on Columbia and Agate Streets formerly used for married student housing.

6. School of Architecture Additions and Alterations $890,000

   The proposed facility anticipates the construction of about 15,000 gross square feet and the remodeling of 3,000 square feet to house current programs and student loads.

7. Marine Biology Institute (Charleston) Phased Improvements (I) $265,000

   The requested improvements include the renovation of 5,000 square feet of dormitory space, the construction of approximately 2,500 square feet of new living space in double occupancy units, a dining space addition of 530 square feet and a twenty-station teaching laboratory of 2,500 square feet.
University of Oregon Health Sciences Center

1. Safety Deficiency Correction Program, Phase I

See attached listing.

University of Oregon Medical School

1. Utility System Improvements, Phase II

As a continuation of the program authorized by the 1973 Legislature, a portion of which may be deferred in accordance with Board action on March 26, 1974, various utility improvements are recommended. Those relating to the water system include the installation of backflow preventors and other safety devices to correct code deficiencies; and those applicable to the electrical service include modifications to individual building electrical load centers and services to assure adequate capacity and continuity of service, especially in patient care areas. The project also includes the starter steam plant which is to be located on the south campus. It would contain two boilers for service to all buildings on the south campus and would be connected with the existing steam distribution system. The existing boilers, located in the teaching hospital, must now run at full capacity to serve peak loads, leaving no standby capacity in the event of boiler failure.

2. Mackenzie Hall and Administration Building Alterations

The proposed alterations within Mackenzie Hall anticipate the remodeling of approximately 14,000 square feet of classroom and laboratory space that is unusable in its present condition and another 15,000 square feet that is marginally usable because the space and equipment is obsolete or inadequate for presently assigned occupants. Portions of the Administrative Building would be remodeled to accommodate the space needs associated with the administrative reorganization.

3. University Hospital North Dietary Areas Alterations

The proposed alterations and renovations to the dietary areas within University Hospital North (the former Multnomah County Hospital) include modifications to the main food preparation area, special diet kitchen, dishwashing facilities, and the refrigeration facilities. It is anticipated that considerable renovation of these areas may be required by the State Board of Health for licensing.

4. University Hospital North Obstetrics Area Alterations

This proposed project seeks to remedy serious inadequacies in delivery rooms, nursery and ward facilities of the obstetrical area of the University Hospital North.

University of Oregon Dental School

1. Preclinical Technique Laboratories Alterations

The proposed alterations and renovations to the preclinical technique laboratories on the third floor of the Dental School Building, involving an area of about 5,634 square feet, are intended to remedy a number of serious space, student station, equipment and utility deficiencies as well as to reduce the contamination of the air from plaster dust and aerosoled debris. The project anticipates remodeling and enlarging the plaster and investment rooms, installing new laboratory benches equipped with adequate utilities, some remodeling for offices and the installation of an air exchange-filtering system.
2. Ground Floor and Basement Alterations  

The alterations proposed for the ground floor of the Dental School Building would convert the space previously used as a cafeteria to accommodate an expanded Continuing Education program including a clinical operatory, a technique laboratory, two seminar rooms, office space, an X-ray room and ancillary facilities. Space released by Continuing Education would be shared by graduate programs of periodontology and endodontics. Space on the first floor released by the graduate programs would be remodeled for faculty now housed in portable trailer units.

Portland State University

1. Safety Deficiency Correction Program, Phase I  

See attached listing.

2. Street Lighting  

For safety and security as well as compliance with City regulations governing lighting and electrical service, it is necessary to provide exterior lighting in certain areas of Portland State University west of the Park Blocks. As a result of the Urban Renewal program and the vacation of some of the streets in the area of development of the institution, the City has been relieved of the responsibility for street lighting. The void needs to be filled.

3. Corrections for Handicapped  

The proposal anticipates undertaking projects beyond the scope of resources available to Portland State University to make its facilities more accessible to the physically handicapped.

4. Shattuck Hall Alterations for Relocation of OEPBS/ITV  

This project proposes housing the television studios and offices of OEPBS and Portland State University's ITV program within Shattuck Hall where proximity would provide mutual support and efficiency. OEPBS would require approximately 37,000 square feet and ITV approximately 8,000 square feet out of the total gross area of 67,940 square feet within the building. Currently, OEPBS is leasing its studio space.

Oregon Institute of Technology

1. Safety Deficiency Correction Program, Phase I  

See attached listing.

2. Library Building  

Currently, the library occupies a portion of the lower level of the Library-Commons Building, quarters which are not adequate for the current requirements for stack space or reader stations.

The proposed facility would be a three-floor building in the center of the campus, west of the present library, to house the present and growing library needs for the two-year programs and the four-year programs including, especially, senior projects. The scope of the facility is supported by Board standards for library space and conforms to the master plan of the campus.
Oregon Educational and Public Broadcasting Service

1. TV Mobile Unit Color Modification and Capitol Studio $ 250,000

This project proposes to add color television capabilities to the Mobile Unit recently given to OEPBS. Such equipment modifications would be complementary to recent station improvement projects. It is also intended to equip a studio in the basement of the Capitol Building to allow better coverage of the legislative sessions and other activities of state government.

Of the total cost, approximately $185,000 would be provided from gifts and grants.

2. Coastal TV Translators $ 90,000

To improve the quality of OEPBS television reception in the coastal areas of Oregon, translators would be installed on Mary's Peak and on Saddle Mountain.

The entire cost of the project is to be financed from federal grants and from gifts.
MEMORANDUM

From: Arthur E. Mancl, AIA, Director of Campus and Building Planning

Subject: Safety Deficiency Correction Program, Department of Higher Education

During the 1974 Special Legislative Session, the Executive Department recommended to a Ways and Means subcommittee that the Department of Higher Education formulate a safety deficiency correction program which would bring its facilities into substantial compliance with the safety provisions of various codes and regulations applicable in Oregon. Attention had been refocused on safety by events leading up to and the passage of the Oregon Safe Employment Act, Chapter 833, Oregon Laws 1973. The Department of Higher Education was urged to work in cooperation with the Workmen's Compensation Board and other state safety-regulation enforcing agencies, as appropriate to facilities, in formulating a safety deficiency program to be accomplished in phases.

Representatives of the Workmen's Compensation Board, the State Fire Marshal and Building Codes Division of the Department of Commerce met with Department of Higher Education officials to establish principal considerations for the phasing. These were:

1. A three-phase program could be realistically formulated without the necessity for each participant to inspect each deficiency. It was suggested that each phase cover a biennial budget period.

2. Representatives of the state offices of the enforcing agencies, as well as local representatives of these same agencies and separate jurisdictions such as Eugene and Portland as applicable, would meet with officials of each institution within the Department of Higher Education and staff members of the State Board of Higher Education to review each institution's safety deficiency list. The safety deficiency list would be assembled by institutional personnel with the aid of state and local enforcing agency and insurance carrier personnel, later would be incorporated within an Unsafe Condition List required by the Department of Higher Education's Safety Plan and, if needed, would provide justification in greater detail to support requests for funding.

3. Priorities for the three-phase program would be assigned considering:
   a. The severity of the hazard.
   b. The number of people exposed.
   c. The means of accomplishing correction, including such factors as the planning and engineering involved, size of the job and nature of the work force required.

4. The overall priority lists would be reviewed by those participating in regional meetings. Meetings were scheduled at Corvallis for Oregon State University; at Portland for Eastern Oregon State College, the University of Oregon Dental and Medical Schools and Portland State University; at Ashland for Oregon Institute of Technology and Southern Oregon College; and at Eugene for Oregon College of Education and the University of Oregon.

5. A goal in outlining the safety deficiency correction program would be to realize roughly equal dollar amounts in each phase except for a somewhat larger first phase due principally to the inclusion of the hospital sprinkling systems.

6. It is expected that adjustments will be made in the order of items in the proposed program as the situation warrants. For example, if major remodeling is undertaken in a building, the safety items will be included. Further, the enforcing agencies may find reassessment of a hazard is warranted.

The character-of the corrections proposed for safety deficiencies found at the various institutions of the Department of Higher Education have now been assembled in a list with a notation indicating where the specific regulations governing the situation are found, or the regulation for which the proposed correction is compensatory. Each building proposed for a safety deficiency correction is listed with a summary of items for that building or area and a preliminary estimate of cost, in each of three phases.
OREGON STATE BOARD OF HIGHER EDUCATION

Summary of Estimated Costs of Proposed Safety Deficiency Correction Program 1975-1981

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<th>Phase I</th>
<th>Phase II</th>
<th>Phase III</th>
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April 10, 1974
DEPARTMENT OF HIGHER EDUCATION
SAFETY DEFICIENCY CORRECTION PROGRAM

Type of Proposed Safety Deficiency Corrections
and Governing Regulations

1. Color coding - pining in laboratories and shops.
   OSHA 1910.144
   Oregon Safety Code

2. Deluge showers and eyewash fountains.
   Oregon Safety Code (Chapter 22)

3. Electrical and mechanical device safety; e.g., guards, disconnects, lockouts, magnetic
   actuated resets, grounding, explosion-proof fittings, etc.
   National Electrical Code (state adopted)
   Accident Prevention Division Regulations

4. Electrical system adequacy; e.g., grounding, panel/load size, etc.
   National Electrical Code

5. Elevator characteristics.
   Oregon State Elevator Code

   Uniform Building Code

7. Exitway and access characteristics; e.g., enclosures, door swing direction, tripping and
   slipping hazards, fire doors, etc.
   Uniform Building Code

   Proposed in conjunction with fire sprinkling systems used in lieu of more restrictive
   provisions of the Uniform Building Code, Group B & C Occupancies

9. Fire alarm systems.
   National Fire Protection Association (state adopted)
   NFPA 72A & 72B

10. Fire escapes.
    In lieu of exitways required by the Uniform Building Code.

    Uniform Building Code.

12. Fire sprinkler systems - located primarily in the path of egress of multistory instructional
    facilities with light wood-frame structure, less than one hour construction, etc.
    Proposed in lieu of more fire resistive construction and greater egress requirements
    of the Uniform Building Code.

13. Fire suppression equipment - related to various hazards; e.g., standpipes, extinguishers,
    hose cabinets, etc.
    Uniform Building Code
    Oregon Safety Code
    Fire Marshal Regulations

14. Fume and dust collection; e.g., chemistry and science laboratories, art laboratories, welding
    facilities, shops.
    Oregon Safety Code (Chapter 22)
    Uniform Building Code

15. Glass size and type.
    Uniform Building Code

16. Guardrails and handrails - handrails, catwalks, etc.
    Uniform Building Code
    Oregon Safety Code
17. Material storage and holding - facilities related to various hazards; e.g., storage rooms and cabinets for flammables and caustics, refrigerated storage for volatiles, corrosive chemicals, gas cylinders, etc.
   Uniform Building Code
   Oregon Safety Code
   Fire Marshal Regulations

18. Modify Construction
    Uniform Building Code

19. Painting facilities - storage and painting.
    Uniform Building Code

    OSU Hazard Experience
    Oregon State Plumbing Laws and Administrative Rules (Chapter 814:21166)
### OREGON STATE BOARD OF HIGHER EDUCATION

**Listing of Proposed Safety Deficiency Corrections Within Buildings at Each Institution**

#### PHASE I

**Eastern Oregon State College**

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<td>Science</td>
<td>Electrical system adequacy, material storage and holding</td>
<td>220</td>
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<tr>
<td>Library</td>
<td>Glass size and type, exitway and access characteristics</td>
<td>10,800</td>
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<tr>
<td>Administration Building</td>
<td>Guardrails and handrails, electrical system adequacy, modify construction, emergency lighting</td>
<td>2,465</td>
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<tr>
<td>Warehouse-Shop</td>
<td>Electrical and mechanical device safety</td>
<td>5,700</td>
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**Total - Eastern Oregon State College**

<p>| | | |</p>
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<thead>
<tr>
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<tr>
<td></td>
<td>$62,470</td>
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**Oregon College of Education**

<table>
<thead>
<tr>
<th>Building</th>
<th>Deficiencies</th>
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<tbody>
<tr>
<td>Campbell Hall</td>
<td>Exitway and access characteristics, guardrails and handrails, electrical system adequacy, fire sprinkler system</td>
<td>$74,840</td>
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<td>Todd Hall</td>
<td>Exitway and access characteristics</td>
<td>950</td>
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<tr>
<td>Old P.E. Building</td>
<td>Fire sprinkler system, pool water quality</td>
<td>12,500</td>
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<td>Library</td>
<td>Electrical system adequacy, exitway and access characteristics</td>
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<tr>
<td>The Cottage</td>
<td>Electrical system adequacy, fire sprinkler system</td>
<td>8,000</td>
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**Total - Oregon College of Education**

<p>| | | |</p>
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<thead>
<tr>
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<tbody>
<tr>
<td></td>
<td>$117,290</td>
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**Oregon State University**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Gilbert Hall</td>
<td>Fire alarm system, fire sprinkler system, electrical and mechanical device safety, electrical system adequacy, deluge showers and eyewash fountains, material storage and holding, planning, color coding, plumbing waste adequacy</td>
<td>$70,020</td>
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<tr>
<td>Vocational Shops</td>
<td>Exitways and access characteristics, fire alarm system, electrical and mechanical device safety, electrical system adequacy, fume and dust collection, material storage and holding, color coding, modify construction, painting facilities</td>
<td>138,580</td>
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**Total - Oregon State University**

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<tbody>
<tr>
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</table>

Phase I

Wiegand
Fire suppression equipment, electrical and mechanical device safety, electrical system adequacy, fume and dust collection, material storage and holding

$114,320

Weniger
Plumbing waste adequacy, fire suppression equipment, electrical and mechanical device safety, fume and dust collection, material storage and holding, plumbing waste adequacy

100,190

Home Economics
Fire escapes, exitway and access characteristics, fire sprinkler system, fire alarm system, electrical and mechanical device safety, fume and dust collection, material storage and holding, modify construction

50,960

Agriculture Hall
Fire escapes, exitway and access characteristics, fire sprinkler system, electrical system adequacy, electrical and mechanical device safety, material storage and holding

90,760

Cordley
Fire escapes, fire suppression apparatus, electrical and mechanical device safety, fume and dust collection, material storage and holding

56,410

Forest Research Laboratory
Fire alarm system, fume and dust collection, deluge showers and eyewash fountains, material storage and holding, color coding

27,400

Experiment Stations
Electrical system adequacy, electrical and mechanical device safety, material storage and holding

27,560

Waldo Hall
Fire escapes, exitway and access characteristics, fire sprinkler system, electrical system adequacy, electrical and mechanical device safety, material storage and holding, guardrails and handrails

39,870

Oceanography I
Electrical system adequacy, material storage and holding, color coding, modify construction

18,420

Pharmacy
Fire escapes, fire sprinkler system, electrical and mechanical device safety, material storage and holding

17,910

Withycombe
Fire sprinkler system, electrical and mechanical device safety, guardrails and handrails, fume and dust collection, material storage and holding, color coding

26,100

Dryden
Electrical and mechanical device safety, guardrails and handrails, material storage and holding

10,430

Dearborn
Fire escapes, fire sprinkler system, electrical and mechanical device safety, guardrails and handrails, material storage and holding

23,720

Farm Crops
Electrical system adequacy, guardrails and handrails, electrical and mechanical device safety, material storage and holding, color coding

20,310
<table>
<thead>
<tr>
<th>Phase I</th>
<th>Oregon State University (continued)</th>
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<tbody>
<tr>
<td>Langton (P.E.)</td>
<td>Fire escapes, fire alarm system, fire sprinkler system, electrical and mechanical device safety, material storage and holding, modify construction, lighting</td>
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<tr>
<td>Nash</td>
<td>Electrical and mechanical device safety, guardrails and handrails, material storage and holding</td>
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<td>Women's Building</td>
<td>Fire escapes, exitway and access characteristics, fire sprinkler system, fire alarm system, material storage and holding</td>
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<td>Education</td>
<td>Fire sprinkler, electrical and mechanical device safety, material storage and holding</td>
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<tr>
<td>Gill Coliseum</td>
<td>Electrical and mechanical device safety, material storage and holding, modify structure</td>
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<tr>
<td>Peavy</td>
<td>Guardrails and handrails, fume and dust collection, material storage and holding</td>
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<tr>
<td>Fairbanks</td>
<td>Fire alarm system, exitway and access characteristics, electrical and mechanical device safety, material storage and holding</td>
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<tr>
<td>Physical Plant</td>
<td>Modify construction, fume and dust collection, material storage and holding, safety equipment</td>
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<tr>
<td>Kidder</td>
<td>Fire escapes, electrical system adequacy, electrical and mechanical device safety, guardrails and handrails, material storage and holding</td>
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<tr>
<td>Extension</td>
<td>Fire sprinkler system, material storage and holding</td>
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<tr>
<td>Shepard</td>
<td>Fire sprinkler system, guardrails and handrails, material storage and holding</td>
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<tr>
<td>Covell</td>
<td>Fire escapes, fire sprinkler system, electrical and mechanical device safety, guardrails and handrails, material storage and holding</td>
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<tr>
<td>Graf</td>
<td>Fire alarm system, electrical and mechanical device safety, fume and dust collection, material storage and holding</td>
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<tr>
<td>Bexell</td>
<td>Fire sprinkler system, guardrails and handrails, material storage and holding</td>
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<tr>
<td>Benton</td>
<td>Fire sprinkler system, material storage and holding</td>
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<tr>
<td>Chemical Engineering</td>
<td>Fire sprinkler system, electrical and mechanical device safety, material storage and holding</td>
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<tr>
<td>Apperson</td>
<td>Fire escape, electrical and mechanical device safety, guardrails and handrails, material storage and holding</td>
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</table>
Meeting #416-159

Phase I

Oregon State University (continued)

Rogers
Guardrails and handrails, material storage and holding $ 8,240

Marine Science Center
Electrical and mechanical device safety, material storage and holding, color coding 10,520

Earth Science
Fire alarm system, guardrails and handrails, fume and dust collection, material storage and holding, modify construction 7,990

Social Science
Fire escapes, fire sprinkler system, electrical and mechanical device safety, material storage and holding 11,730

Gilmore
Fire alarm system, fire sprinkler system, exitway and access characteristics, electrical and mechanical device safety, material storage and holding 9,830

Batcheller
Fire escapes, fire sprinkler system, electrical and mechanical device safety, guardrails and handrails, material storage and holding 10,810

Moreland
Fire alarm system, exitway and access characteristics, material storage and holding 6,140

Library
Electrical and mechanical device safety, material storage and holding 9,640

Kent Home Management
Fire sprinkler system 10,060

Administrative Services
Material storage and holding, electrical system adequacy 2,890

Agriculture Utility
Fire alarm system, electrical system adequacy, electrical and mechanical device safety, material storage and holding 9,820

Industrial Laboratory
Fire alarm system, electrical and mechanical device safety, material storage and holding 5,300

Hyslop Farm
Electrical and mechanical device safety, material storage and holding 1,140

Radiation Center
Material storage and holding 970

Farriers School
Fire sprinkler system, electrical and mechanical device safety 5,120

Mitchell Playhouse
Fire sprinkler system, electrical and mechanical device safety, material storage and holding 2,940

Oak Creek Field Lab
Fire suppression equipment, electrical and mechanical device safety, material storage and holding, electrical system adequacy 3,290

Computer Center
Material storage and holding 360
Phase I

Oregon State University (continued)

Natural History
  Fire escapes, fire alarm system, electrical system adequacy, material storage and holding $2,590

Oceanography II
  Electrical and mechanical device safety 30

Veterinary Diagnostic Lab
  Fire alarm system, material storage and holding 1,790

McAlexander Fieldhouse
  Fire alarm system, electrical and mechanical device safety 2,140

Naval Armory
  Fire alarm system, electrical and mechanical device safety, material storage and holding 1,150

Entomology M.S.
  Electrical and mechanical device safety, material storage and holding 1,470

Buildings (28) under $1,000 each
  Electrical and mechanical device safety, fire alarm system, material storage and holding 6,140

Campus
  Emergency lighting, fire suppression equipment, material storage and holding, electrical service adequacy 29,430

Total - Oregon State University $1,250,150

Southern Oregon College

Churchill Hall
  Emergency lighting, fire alarm apparatus, electrical system adequacy $13,000

Central Hall
  Fire alarm apparatus, emergency lighting, fume and dust collection, painting facilities 9,000

Science Building
  Emergency lighting, fume and dust collection, material storage and holding 49,500

Music Building
  Emergency lighting 2,500

Taylor Hall
  Fume and dust collection, exitway and access characteristics 8,000

Library
  Emergency lighting 800

Physical Plant
  Painting facilities, fume and dust collection 7,000

Physical Education
  Exitway and access characteristics 3,500

Central Heating Plants
  Fume and dust collection, guardrails and handrails 4,300

Campus
  Fire alarm system, electrical and mechanical device safety 14,000

Total - Southern Oregon College $111,600
<table>
<thead>
<tr>
<th>Location</th>
<th>Service Details</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Chapman</td>
<td>Fire alarm system, emergency lighting, exitway and access characteristics</td>
<td>$12,850</td>
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<tr>
<td>Clinical Services</td>
<td>Exitway and access characteristics</td>
<td>$1,250</td>
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<tr>
<td>Commonwealth</td>
<td>Fire sprinkler system, fire alarm apparatus, emergency lighting</td>
<td>$26,670</td>
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<tr>
<td>Computer Center</td>
<td>Fire alarm system</td>
<td>$900</td>
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<tr>
<td>Condon Hall</td>
<td>Fire alarm system, emergency lighting, fire escapes, exitway and access characteristics</td>
<td>$40,180</td>
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<tr>
<td>Deady</td>
<td>Fire sprinkler system, fire alarm system, exitway and access characteristics</td>
<td>$19,960</td>
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<td>Education</td>
<td>Exitway and access characteristics, electrical system adequacy, fire sprinkler system</td>
<td>$82,800</td>
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<td>Fenton</td>
<td>Fire alarm system, fire escapes, exitway and access characteristics, electrical system adequacy</td>
<td>$112,600</td>
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<tr>
<td>Friendly</td>
<td>Electrical system adequacy, fire sprinkler system, fire alarm system, emergency lighting, exitway and access characteristics</td>
<td>$97,850</td>
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<tr>
<td>Gerlinger</td>
<td>Engineering and planning study for safety</td>
<td>$12,000</td>
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<tr>
<td>Villard</td>
<td>Guardrails and handrails, fire escapes, glass size and type, modify construction, fire sprinkler system, fire alarm system, electrical system adequacy, emergency lighting, exitway and access characteristics, material storage and holding</td>
<td>$462,200</td>
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<tr>
<td>Hendricks</td>
<td>Engineering study, fire sprinkler system, fire alarm system</td>
<td>$34,000</td>
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<tr>
<td>Susan Campbell</td>
<td>Engineering study, fire alarm system</td>
<td>$12,000</td>
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<tr>
<td>Science Main and East</td>
<td>Emergency lighting, deluge showers and eyewash fountains, fume and dust collection, fire alarm system</td>
<td>$45,480</td>
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<td>Science II</td>
<td>Fume and dust collection, ventilation adequacy</td>
<td>$69,960</td>
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<td>Science Complex</td>
<td>Engineering study for waste treatment, color coding and shut-off points, electrical and mechanical device safety</td>
<td>$12,060</td>
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<tr>
<td>Johnson</td>
<td>Fire alarm system, exitway and access characteristics</td>
<td>$21,260</td>
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<tr>
<td>McArthur Court</td>
<td>Emergency lighting, electrical system adequacy, fire alarm system, guardrails and handrails, glass size and type</td>
<td>$155,500</td>
</tr>
</tbody>
</table>
Meeting #416-162

Phase I

University of Oregon (continued)

Museum of Fine Arts
Fire alarm system, emergency lighting
$12,000

Music
Exitway and access characteristics, guardrails and handrails, fire alarm system
25,000

Lawrence
Exitway and access characteristics, electrical system adequacy, fire sprinkler system, fire alarm system, engineering study of ventilation
145,250

Prince Lucien Campbell
Fire alarm system
2,000

Library
Fire alarm system, emergency lighting
64,000

Men's P.E. Athletic Dept.
Exitway and access characteristics, fire alarm system, deluge shower and eyewash fountains
26,910

Marine Biology, Charleston
Fire alarm system, fire sprinkler system
5,300

Physical Plant
Deluge shower and eyewash fountains, fume and dust collection, fire sprinkler system, painting facilities
23,300

Buildings 125A, B & C
Fire alarm system
3,800

Total - University of Oregon
$1,527,080

University of Oregon Dental School/Medical School

Mackenzie Hall
Electrical and mechanical device safety
$3,500

Child Development and Rehabilitation Center
Emergency lighting, electrical and mechanical device safety
4,120

Library
Fire suppression equipment
2,290

Medical Research Building
Electrical and mechanical device safety
11,690

Medical School Hospital
Electrical system adequacy, modify construction, exitway and access characteristics, fire alarm system, fume and dust collection, electrical and mechanical device safety, fire sprinkler system ($1,185,000 includes University Hospital North)
1,239,190

Outpatient Clinic
Electrical system adequacy, fire alarm apparatus, fire suppression equipment, electrical and mechanical device safety
17,710

Physical Plant Building
Electrical system adequacy
730
### University of Oregon Dental School/Medical School (continued)

**University Hospital North**
- Electrical system adequacy, electrical and mechanical device safety, fire sprinkler system—($ included with Medical School Hospital)  
  - Total - University of Oregon Dental School/Medical School  
<table>
<thead>
<tr>
<th>Project Description</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Electrical system adequacy</td>
<td>$37,000</td>
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<tr>
<td>Fire sprinkler system</td>
<td>$1,316,230</td>
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</table>

**Portland State University**

**Science II**
- Fume and dust collection  
  - Total - Portland State University  
<table>
<thead>
<tr>
<th>Project Description</th>
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<tbody>
<tr>
<td>Fume and dust collection</td>
<td>$21,110</td>
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**West Heating Plant**
- Modify construction  
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<tr>
<th>Project Description</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
<td>Modify construction</td>
<td>$700</td>
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**Campus**
- Electrical and mechanical device safety, materials storage and holding, fire suppression equipment  
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<tr>
<th>Project Description</th>
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</thead>
<tbody>
<tr>
<td>Electrical and mechanical device safety</td>
<td>$24,120</td>
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<tr>
<td>Fire suppression equipment</td>
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**Francis Manor**
- Fire escapes  
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<th>Project Description</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Fire escapes</td>
<td>$500</td>
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</table>

**Oregon Institute of Technology**

**Cornett**
- Fume and dust collection  
  - Total - Oregon Institute of Technology  
<table>
<thead>
<tr>
<th>Project Description</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
<td>Fume and dust collection</td>
<td>$14,000</td>
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**Owens, Semon, Cornett**
- Fire suppression equipment, fire alarm system  
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<thead>
<tr>
<th>Project Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire suppression equipment</td>
<td>$2,000</td>
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</tbody>
</table>

**Cornett, Semon, Owens, Snell**
- Emergency lighting  
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<tr>
<th>Project Description</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Emergency lighting</td>
<td>$20,000</td>
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**Owens, Semon, Snell, Physical Education, Cornett**
- Glass size and type  
<table>
<thead>
<tr>
<th>Project Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glass size and type</td>
<td>$15,000</td>
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**Physical Plant**
- Electrical and mechanical device safety  
<table>
<thead>
<tr>
<th>Project Description</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Electrical and mechanical device safety</td>
<td>$3,000</td>
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**Campus**
- Electrical and mechanical device safety, exitway and access characteristics  
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<tr>
<th>Project Description</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
<td>Electrical and mechanical device safety</td>
<td>$12,500</td>
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**Total - Oregon Institute of Technology**  
| Total | $66,500 |

**Total - Phase I**  
| Total | $4,497,750 |

April 10, 1974
Since reaching its peak enrolment in 1970-71, Oregon College of Education has faced retrenchment brought on by a number of forces which occurred all at about the same time: a reduction in high school graduates going to college; elimination of state-funded scholarships for persons in elementary education; creation of two community colleges in Salem and Albany, both within commuting distance; a recession accompanied by sharp inflation, which made it financially impossible for many OCE students to remain in college or for many would-be students to attend at all; and a sharp increase in the underemployment of college-trained persons, an underemployment which affected prospective teachers severely.

The purpose of this report is to summarize the principal facts regarding this retrenchment, to point out the crisis which the institution currently faces, and to explain an analysis and proposed solution for the problem.

Summary of Facts

Below is a table giving three-term FTE enrolments to the current year and official projections to 1984-85.

<table>
<thead>
<tr>
<th>Year</th>
<th>FTE Enrolment</th>
<th>Year</th>
<th>FTE Enrolment</th>
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<tbody>
<tr>
<td>1970-71</td>
<td>3,704</td>
<td>1978-79</td>
<td>2,532</td>
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<tr>
<td>1971-72</td>
<td>3,636</td>
<td>1979-80</td>
<td>2,577</td>
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<tr>
<td>1972-73</td>
<td>3,348</td>
<td>1980-81</td>
<td>2,614</td>
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<tr>
<td>1973-74</td>
<td>2,965</td>
<td>1981-82</td>
<td>2,617</td>
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<tr>
<td>1974-75</td>
<td>2,706</td>
<td>1982-83</td>
<td>2,589</td>
</tr>
<tr>
<td>1975-76</td>
<td>2,558</td>
<td>1983-84</td>
<td>2,532</td>
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<tr>
<td>1976-77</td>
<td>2,460</td>
<td>1984-85</td>
<td>2,475</td>
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<tr>
<td>1977-78</td>
<td>2,487</td>
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In 1970-71 OCE reached its peak enrolment following a decade of growth in the 1960's. The drop from 3,704 in 1970-71 to 3,636 in 1971-72 was foreseeable and therefore manageable through reduction in expenditures.

In 1972-73 a far sharper drop occurred: from 3,636 in 1971-72 to 3,348 in 1972-73. Necessary expenditure reductions were, however, achieved without severe disruption. In the current year the drop was still more severe: from 3,348 in 1972-73 to 2,965 in 1973-74. Only the possibility of carrying over funds from one biennium to the next granted by the 1973 legislature prevented severe disruption.
The projection for 1974-75 indicates another sharp drop: from 2,965 to 2,706. In dollar reductions this represents a sum of $510,094. Having already endured three years of cutting its faculty and civil service staff as well as paring every support function possible, the institution could not absorb such a cut without disruption which would do permanent damage. To prevent such damage, the State System provided OCE with $391,098 from its reserves in order to prevent untenable program reductions and untimely notices to faculty. In addition, the State System authorized OCE to save, if it could, the sum of $51,600 from its 1973-74 budget and use this sum in 1974-75. With this assistance, amounting to $442,698, OCE will enter 1974-75 with its programs and finances in reasonably sound condition but with great concern among staff, students and support public for what may happen to these programs.

The Current Crisis

The institution's stability and effectiveness are at stake. As indicated in the table above, a three-term FTE of 2,558 is estimated by the board's office for OCE in 1975-76. This is a drop from 2,706 in 1974-75. A sum of $200,000 has been attached to this reduction. Since the above mentioned transition funds of $442,698 for 1974-75 are nonrecurring, it presently appears that a total sum of $642,698 will have to be removed from the OCE budget between 1974-75 and 1975-76. The prospect of such a cut in one year severely strains the morale of faculty and students. Students, staff, and support public fear that programs will be permanently damaged. In addition, faculty see the investment of their careers in the institution endangered and are understandably concerned in a personal way for themselves and their associates. In making the cuts necessary since 1970-71, the institution has sought to preserve its instructional staff. To do so it has sacrificed support staff almost to the limit where fixed costs permit very little further cutting. This reality plus the magnitude of the cut faced—$642,698—makes the threat to instructional programs acute.

As the above table further indicates, a drop of 98 FTE students is projected for 1976-77. After that, stable enrolment with minor ups and downs is projected through 1984-85. A reduction of 98 students will create a difficulty, but this difficulty will not be severe as that faced in the years of precipitous retrenchment from 1972-73 to 1975-76. After 1976-77 the changes projected are too minor to cause concern.

Analysis and Proposed Solution

Since the publication of State System enrolment projections in late December 1973 the institution has engaged in an intensive campus-wide analysis of its programs in an effort to determine what cuts can be made following 1974-75 with the least damage to its capacity to serve students. Every cut of either academic or support staff will lessen effectiveness in serving students. Choices must be made according to what will hurt programs the least, with all possible respect for commitments made to employees and to the personal problems these employees face as a result of jeopardy to their careers.
As a part of its retrenchment over three years, the institution has already reduced its expenditures other than for salaries almost to the point of irreducible fixed costs. In planning the 1975-76 budget, however, the institution decided to reduce non-salary expenditures further by $42,972. This left the sum of $599,726 to be removed from salaries in 1975-76 planning. Fixing a number of faculty positions to this sum was difficult because program analysis must come before the question of who should be terminated. Consequently the number of persons who presumably must be given a year's notice by June 15, 1974 was established through judgment based upon experience, not upon exact knowledge of who would be given notices and the amount of their salaries. A figure of 37.50 has been arrived at, and it is likely to prove reasonably accurate.

There followed a very detailed and realistic analysis of every program and every other service performed by salaried persons across the institution—instruction, academic and student support, and administration. It might have been asserted that no further cuts at all were possible, that since 1970-71 the institution had already absorbed every cut possible and that it must be supported in the future at its current base. Such support would be highly desirable and can be justified on the basis of educational quality. But the institution reasoned that if it did its own severe paring to the point where it judged it could go no further without untenable results, then governing bodies would accept its analysis and provide the support asserted to be the absolute minimum. In fact the Board's Office and the Finance Committee of the Board have so responded.

The institution has concluded that of the 37.50 figure 17.50 persons can be removed from the OCE faculty following 1974-75 with serious loss of services but not with untenable disruption of programs. Cuts beyond 17.50 in any number up to 37.50 are regarded as untenable.

As a part of its base budget request for the 1975-77 biennium, OCE has consequently asked for $312,600 for each of the two years to support 20 positions. The sum of $312,600 may appear low by about $20,000 to support 20 positions, but the institution reasoned that when the 20 positions are actually identified by June 15, 1974 they will prove to be persons toward the lower side of the salary scale.

In making distinctions between tenable and untenable reductions, the institution made the following assumptions:

1. That a minimum of three doctoral level persons are essential to support an academic major.

2. That in areas where OCE prepares teachers sufficient courses must be offered to meet state requirements for certification.

3. That demands for services in some areas (like English composition and physical education activity courses) decrease with a decrease in college enrollment.

4. That some activities (like varsity athletics and music ensembles) require the same expenditure of time regardless of whether college enrollment decreases.
5. That some kinds of instruction have to be private or have to be conducted in small groups, whereas in other kinds of instruction small groups may be desirable but are not essential.

Below is a table outlining the results of the analysis.

<table>
<thead>
<tr>
<th>Department</th>
<th>1974-75 FTE</th>
<th>Serious But Tenable Reductions</th>
<th>Additional Reductions to Equal 37.50 Positions</th>
<th>Possible Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>President's Office</td>
<td>3.83</td>
<td>1.00</td>
<td>-</td>
<td>1.00</td>
</tr>
<tr>
<td>Dean of Faculty</td>
<td>3.50</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Business Office</td>
<td>1.83</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Publications</td>
<td>1.00</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Registrar's Office</td>
<td>1.00</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Library</td>
<td>7.00</td>
<td>1.00</td>
<td>-</td>
<td>1.00</td>
</tr>
<tr>
<td>Student Personnel</td>
<td>6.00</td>
<td>-</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>Art</td>
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<td>2.00</td>
<td>1.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Education-Psychology</td>
<td>46.33</td>
<td>3.00</td>
<td>4.00</td>
<td>7.00</td>
</tr>
<tr>
<td>Physical Education</td>
<td>14.07</td>
<td>1.00</td>
<td>2.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Humanities</td>
<td>27.61</td>
<td>2.00</td>
<td>3.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Music</td>
<td>14.05</td>
<td>1.50</td>
<td>2.00</td>
<td>3.50</td>
</tr>
<tr>
<td>Natural Science</td>
<td>27.08</td>
<td>4.00</td>
<td>3.00</td>
<td>7.00</td>
</tr>
<tr>
<td>Social Science</td>
<td>31.84</td>
<td>2.00</td>
<td>4.00</td>
<td>6.00</td>
</tr>
<tr>
<td>Media Center</td>
<td>2.00</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Campus Elementary School</td>
<td>15.70</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Alumni Records</td>
<td>.10</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>213.69</strong></td>
<td><strong>17.50</strong></td>
<td><strong>20.00</strong></td>
<td><strong>37.50</strong></td>
</tr>
</tbody>
</table>
Below in summary form are explanations of the role of each department with brief descriptions of plans for reductions. Explanations are given concerning why some reductions are tenable and some untenable.

**President's Office**

This office includes the office of planning and institutional research. A cut in FTE from 3.83 to 2.83 appears tenable.

**Dean of Faculty**

This office includes, besides the dean of faculty, the director of the summer term, the director of graduate programs, the director of placement, and the director of teacher education. Two of these persons are assigned .25 to academic departments; hence the total equals 3.50. As a part of cuts necessary for 1974-75 the office has lost a total of .75. Further cuts would be untenable.

**Business Office**

This office is responsible for fiscal operations, for contracts, for physical plant management, for certain student advisement, and for personnel matters having to do with civil service staff. It has recently been reduced from 2.83 unclassified positions to 1.83. Any further reduction would be untenable.

**Publications**

This office is responsible for publications and duplication, for student publications advisement, and for public information and public relations. One academic position is a minimum.

**Registrar's Office**

The registrar also serves as director of admissions. One academic position should be added; subtracting one would be untenable.

**Library**

A comparison with other State System libraries evidences the fact that the OCE library is very frugally staffed. A reduction of the current faculty of 7.00 FTE to 6.00 is serious but tenable.

**Student Personnel**

This department currently consists of six persons, including the dean of students. It is responsible for student government, dormitory and off-campus student living, counseling, foreign student advisement, financial aids, high-school-college relationships, selective service and military advisement, and other matters having to do with student welfare. Except for the addition of one counselor, the staff is approximately the same size as it was when the institution had only 1,400 students. Any reduction is regarded as untenable but one reduction will occur if a base budget is not obtained to support 20 positions in 1975-77.
This department prepares art teachers K-12. It supports the general education program of students pursuing the bachelor's degree. It is also responsible for the fine arts major, together with the music and humanities departments.

In 1974-75 it will have a faculty FTE of 10.75. A reduction of 2.00 will require elimination of elective offerings in lettering and layout; art in the elementary schools; and seminar work in calligraphy, ethnic art, and gallery display. Offerings in drawing, painting, crafts, ceramics, printmaking, weaving, jewelry, and sculpture will be impaired. Fewer classes in art appreciation, elementary art education, and art history will be offered.

If cuts beyond 17.50 are required, then this department may be reduced by one additional person. This would require elimination of instructional services essential to the preparation for the major program which prepares teachers of art.

Education-Psychology

This department is responsible for the professional studies component of all teacher education programs and for all supervision of interns and student teachers. It also prepares educational specialists, largely graduate students. In addition it is responsible for a major in psychological studies. Finally, it carries significant responsibility for general education work for non-teacher education majors; and makes an especially significant contribution to the preparation of corrections majors.

Since 1970-71 this department has experienced faculty attrition at about the same rate as student reductions, unlike most other departments. None-the-less, a cut of 3.00 is regarded as tenable, although such a cut will reduce seriously departmental services in elementary and secondary education, in psychology, and in supervision.

If support funds for 20 positions are not obtained, an additional four positions will likely be cut. Such a reduction would jeopardize both the award-winning elementary education program and the capacity of the institution to offer its major in psychological studies. The study skills center, which serves the entire college, would be eliminated. The field center in Portland for students doing their internships and practice teaching would be eliminated. Supervision of secondary education majors in some special subject areas would be eliminated, and such persons would find themselves supervised by generalists spread too thinly over too many persons. Programs in speech pathology, multiple handicapped, early childhood education, and secondary reading would be seriously weakened. These effects are regarded as untenable.

Health, Physical Education, and Athletics

This department prepares teachers K-12 in health and physical education. It supervises nineteen varsity sports, all regarded as important to a complete physical education program. In addition, it provides a part of the general education of all students in required health and physical activity courses.
A 1973–74 faculty FTE of 15.07 will be reduced in 1974–75 to 14.07. It will be reduced further by 1.00 to help make up the contemplated 17.50 for the college. This will result in fewer activity courses.

If support for the 20 positions is not obtained, two further positions will be cut for 1975–76. Such a cut will necessitate elimination of physical education activities regarded as essential to an adequate program. Some courses regarded as essential for the major program to prepare physical education teachers could not be offered. The size of some activity courses for general education would increase to a point where their effectiveness would be questioned. Such alterations are regarded as untenable.

**Humanities**

This department is responsible for writing, speech, literature, foreign language, linguistics, drama, and philosophy. It also offers courses in library science, and it participates with music and art in the fine arts major. It is responsible for OCE's minimal offering in journalism. It prepares teachers of language arts K-12 and also bears a significant responsibility for the general education offering of the college.

It has experienced considerable faculty attrition since 1970–71 and will suffer a reduction of 1.50 between 1973–74 and 1974–75. A further cut of 2.00 is contemplated for 1975–76 as undesirable but tenable to help make up the 17.50 positions. This cut will result in reduction of courses in writing and literature, in speech and drama, and in philosophy.

If support for 20 positions is not obtained, another 3.00 will be cut from this department. This would require cutting a foreign language. OCE offers only three foreign languages, which it regards as a minimum for a liberal arts college. Untenable damage would also be done to offerings in linguistics, library, English education, and journalism.

**Music**

This department prepares music teachers K-12. Its orchestra, its three bands, its choral groups, and other musical ensembles are important to its program and to the entire college. It bears one third of the responsibility for the fine arts major and is important to the general education program of the college.

Its 1974–75 faculty FTE of 14.05 will be reduced by 1.50 to help make up the 17.50 reduction regarded as serious but tenable. This cut will reduce the offerings in music literature and teaching strategies. Elective courses regarded as highly desirable but not absolutely essential will be eliminated. These will be principally in the fine arts courses, music synthesizer, and arranging.

If the 20 positions are not obtained, another 2.00 positions may be eliminated. Such a cut would reduce the capacity of the department to offer performance studies and performance groups regarded as essential to preparation of majors. It would also require reduction in teaching strategies and in instrumental and vocal work beyond the point regarded as feasible.
Natural Sciences and Mathematics

This department prepares secondary teachers in mathematics, biological science, and physical science. It has a fundamental responsibility in the preparation of all elementary teachers. It is responsible for pre-medical, pre-dental, pre-nursing, and pre-medical technology programs. It has three liberal arts majors in mathematics, physical science, and biological science. Finally, its offerings are an important part of the general education program of the college.

From a 1974-75 FTE of 27.08, this department faces a cut of 4.00 to help make up the 17.50 positions. Basic courses in all areas will have to be reduced. Instructional effectiveness will be lessened because of reduction of specialists in a number of subcategories necessary to support teaching and liberal arts majors and minors in the broad fields of biology, physical science, and mathematics. It is important, for example, for a biology teacher to have had work with faculty who have considerable specialization in botany, zoology, microbiology, and genetics.

In the absence of funds to support the 20 positions, this department may have to suffer an additional 3.00 reduction. Such a cut would eliminate an art-science interdisciplinary course and a course in musical acoustics for music majors. Offerings in computer science essential to mathematics teachers would be reduced or eliminated. Offerings in the following would be reduced beyond the points regarded as acceptable: probability and statistics, animal physiology, microbiology, oceanography, and physics. Advising capacity and support in the pre-medical programs would be severely weakened.

Social Science

This department includes the disciplines of history, geography, political science, sociology, anthropology, economics, and corrections. It prepares secondary teachers in social studies and has important responsibility for preparation of all elementary teachers. It has liberal arts majors in history, geography, economics, and corrections. Finally, it has a very significant responsibility for the general education program of the college.

This department will suffer a loss of 3.00 positions at the close of 1973-74 and will have an FTE of 31.84 in 1974-75. An additional 2.00 will be cut in 1975-76 to make up the 17.50 reduction. Courses in geography, history, sociology, and anthropology will be reduced.

If support for the 20 positions is not obtained, an additional 4.00 may be cut. Such a reduction would require sharp cutbacks in economics, corrections, and political science. Cuts in political science and economics would reduce OCE's ability to prepare teachers to meet new graduation requirements in citizenship education and economics education. Such a cut appears untenable, as would a reduction in the institution's high-demand corrections program.
Oregon College of Education is unique in the State System in the degree to which it is identified with and responsible for leadership in teacher education. As contrasted with the more general purpose liberal arts colleges and universities within the State System, its non-teacher-education programs have been largely restricted to "people-oriented" professions which need the same liberal arts course work essential to the foundation preparation of a teacher. The institution is recognized for quality work. It could not otherwise maintain its position of leadership in teacher education in the face of current demands for increased professionalization among public school teachers and for competency-based standards in teacher preparation.

Oregon College of Education must not do other than first-rate work. It has no clientele who will attend because it is the most convenient place to go. Two community colleges within its commuting range offer lower division college transfer work at far less cost to the student. In Willamette Valley students can rather easily choose to attend PSU, OSU, and UO. The student who chooses to come to OCE must believe that he will be served better there than elsewhere, and when he arrives he must discover that his belief is justified. As a quality institution OCE can provide the State of Oregon with educational services which fully return the investment which the state makes in it. But an institution disrupted by precipitous retrenchment runs the deep risk of offering inferior services, and inferior services can have no place at an institution with OCE's role and its only potential.

For this reason the plea for additional support of a bare minimum of $625,000 in the 1975-1977 biennium has been made.

Leonard W. Rice

5-16-74 mhh